

Product Overview

www.sharpnecdisplays.eu

SHARP / NEC

Sharp NEC Display Solutions brings together and integrates technology and expertise to create the ICT-enabled society of tomorrow.

New is Now

Performance and value, without compromise

As we launch new co-developed products, we are proud to display our Japanese heritage under the Sharp brand. We are now witnessing how the combined expertise and competitive strengths of two world-leading brands is delivering more choice, enhanced performance, and greater value for our customers.

Whilst our name is changing, our people and relationships have not. Sharp/NEC continues to be the preferred partner and trusted advisor to our channel and end user customers across the world, offering the widest display portfolio, backed by industry-leading service and support. This unique advantage means that our customers will experience the perfect-fit solution for their unique needs, assured that it will give them long-life, fit-for-purpose performance for the best possible return on investment whilst helping them achieve their sustainability targets.

Through our established strategic partnerships with expert solutions providers, our customers benefit from solutions which deliver maximum choice and flexibility. Certification from Microsoft, Creston, and Cisco, for example, guarantees that our products are compatible and will deliver exceptional user experiences.

Our commitment to our customers is unwavering: we deliver best performance and value without compromising quality or the principles of sustainability that all responsible businesses uphold, both now and in the future.

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“Our company has experienced change, but our customers have experienced continuity in the areas they value. Moving forwards, our promise is that there will be no compromise in our interlinked pillars of Quality, Service and Sustainability.”

Christof Boehm, President and Managing Director of Sharp NEC Display Solutions Europe.

A Lasting Vision

Quality, Service, Sustainability

It is through high quality product design and manufacture that we drive innovation in reuse, repair and recycle initiatives, whilst reducing energy consumption and waste.



Reduce **Energy Use**

Recognising that more than 80% of the CO_2 footprint of a display is created during usage, improving energy efficiency is the greatest opportunity to reduce environmental impact.

- Inbuilt functionality optimises energy consumption and lengthens the lifecycle.
- Innovation in flip-chip SMD LED technology achieves 60% reduction in energy consumption.

Reduce **Waste**

Without compromising our high standards of customer service and the protection of products during shipment, we are constantly innovating to minimise wastage across all our operations.

- Optimised packaging sizes has achieved up to 35% reduction in CO_2 emissions.
- New projector ranges utilise legacy accessories and mounting infrastructure.

Reuse

Our focus is on producing products, solutions, and services that last, providing fit-for-purpose performance over an extended lifecycle.

- Innovative open modular design allows use cases to be reconfigured as needs change.
- Long-life reliability sees our devices still in use way beyond standard refresh cycles.



Repair

Our commitment to quality is demonstrated by our consistently low failure rate, one of the best in the industry. Should a repair be necessary, we offer comprehensive pan-European and Global service programs.

- Local repair centres mean shorter transport routes.
- Tailored service programs support the extraordinarily long lifecycle of LED technology.

Recycle

Even at the design stage we are already thinking about the end of the lifecycle by utilising materials which are recyclable or are already recycled.

- Metal, the major component in our LCD and LED products, is 100% recyclable, feeding the circular economy.
- Our Large Format Displays line up has an average recycling rate of 97,4%.



Direct view LED

Impressive large surface visualisation

Indoor and outdoor LED modules scale up to create attention grabbing walls of intensely vivid images for the brightest environments, available in a range of pixel pitches for up-close or long-distance viewing.

High quality precision engineered components configure to create a single homogenous digital canvas, purpose-designed for easy maintenance and long-life performance.

Indoor LED

0.9mm to 3.9mm

Outdoor LED

2.8mm to 4.8mm

Extended Warranty Programs*

* On selected models



dvLED

E Series	Cost-effective, scalable LED solutions for corporate and public spaces
E Series Bundles	Essential visualisation in ready-to-go size and pixel options
FE-E Series	Mainstream scalable visualisation with cost and eco savings
FE Series	Flexible visualisation at the perfect price performance level
FE Series Bundles	Standard resolution bundles for signage and conferencing
FA Series	High class components and full redundancy for mission critical applications
FA Series Bundles	Fully redundant standard resolution bundles for mission critical applications
D Series	Super efficient fine pitch modules with best-in-class visual performance
D Series Bundles	State-of-the-art performance bundles for comfortable up-close viewing of detailed content
B Series	Modules with EMC Class B certification for sizes of up 40m^2

E Series | Indoor FinePitch LED Bundles & Modules

For budget sensitive deployments, the E Series brings all the advantages of fine-pitch LED in an all-in-one bundle in four standard sizes, or scalable to any size or shape with configurable modules. The slim, elegant design plus the robustness and safety of the metal chassis make it the perfect choice for corporate meeting room scenarios as well as most signage applications in public spaces.

1.2mm to 2.5mm

E Series

108" to 217"

E Series Bundles

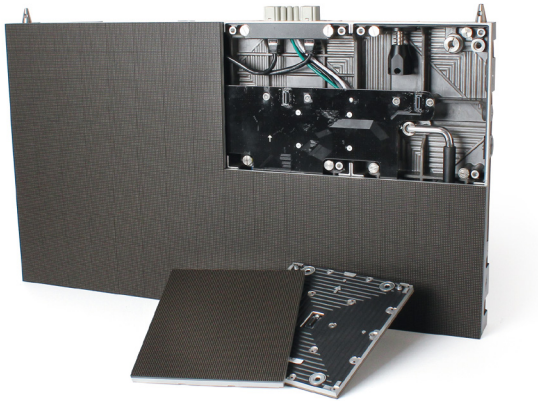


FE-E Series | Indoor FinePitch LED Modules

Where installations demand a cost efficient solution without compromising on functionality and quality, the FE-E Series pixel card options offer great value for money. Three pixel pitch options provide ample flexibility to achieve scalable large surface digitisation for signage and presentation applications.

1.2mm to 1.9mm

FE-E Series



FE Series | Indoor FinePitch LED Modules & Bundles

Scalable, fine-pitch visualisation for indoor bezel-free large surfaces, the FE Series offers 0.9mm to 3.8mm pixel pitch options to suit usage and budget parameters. Excellent viewing angles, consistent reality-like colours, superb brightness, energy efficient and long lasting performance for conferencing and signage applications.

0.95mm to 3.8mm

FE Series

104" to 220"

FE Series Bundles



FA Series | Indoor FinePitch LED Modules & Bundles

All Sharp/NEC LED products are meticulously designed and built for reliable long lasting performance; the FA Series features additional fail-safe qualities with redundant power supply and receiver card ensuring mission-critical performance standards. Select your pixel pitch according to room size and viewing distance parameters.

0.95mm to 3.8mm

FA Series

110" to 220"

FA Series Bundles



D Series | Indoor FinePitch LED Modules & Bundles

Best-in-class visual performance with significantly increased energy efficiency to ensure educed operating cost during its entire lifetime. CoB dvLED technology delivers extreme contrast with deep black levels. Suitable for indoor public spaces or for applications demanding a high performance level.

0.9mm to 1.5mm

D Series

110" to 220"

D Series Bundles



B Series | Indoor EMC Class B LED Modules

For busy public spaces especially airport terminals it is vital to limit electromagnetic interference which can compromise WiFi connections and even air traffic control operations. The NEC B Series is fully compliant to EMC Class B, causing no interference up to 40m^2. The versatile 1:1 modules deliver 1000cd/m^2 brightness.

3.9mm

B Series





Large Format Displays

Indispensable for signage and presentation

Large Format Displays (LFD) are an indispensable part of digital signage, as well as for presentations and interactive meeting room applications. Sharp/NEC stands for a safe investment secured by high quality components and design, plus high operational safety. With a broad choice of LFD ranges and numerous customisation options, Sharp/NEC delivers tailor-made display solutions.

Essential Displays

E Series	Cost-efficient signage for essential demands at a low TCO

Midrange Displays

ME Series	Essential professional features for most common use cases
M Series	Enhanced performance for demanding mainstream applications

Professional Displays

P Series	High performance signage displays for critical environments

Video Wall Displays

UN Series	Modular and scalable, ultra-narrow bezel displays

Extended Warranty Programs

NaViSet Administrator 2

40 YEARS OF MultiSync®

It's the 40 year anniversary of the acclaimed MultiSync® brand, testament to Sharp/NEC's unwavering commitment to innovation and excellence.

E Series | Essential Displays

Enter the world of digital signage with Sharp/NEC's prosumer displays. Designed to bring Sharp/NEC's heritage of performance and quality to cost-conscious yet demanding customers, the MultiSync® E Series perfectly suits basic signage applications. Operating standalone via an integrated Media Player, signage starts automatically with the embedded auto-start function.

32" to 86"

E Series

16/7 CERTIFIED OPERATION

4K UHD

On selected models only



ME Series | Midrange Displays

For best-in-class visual performance and value, the second generation ME series commands feature-rich professional capabilities for meeting rooms and signage applications. The multi-functional MultiSync® display with high haze panel, native USB-C connectivity, and quick input detection appeals to Enterprise users for Bring Your Own Device simplicity, supporting hybrid workflows and spontaneous meetings.

43" to 98"

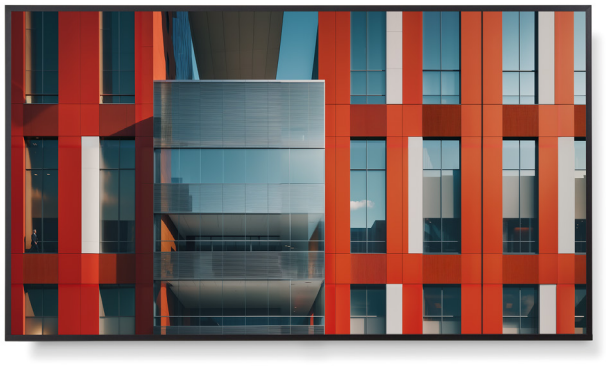
ME Series

Android*

USB Type-C

18/7 CERTIFIED OPERATION

4K UHD



M Series | Midrange Displays

Featuring scalable computing power and providing high security features, the MultiSync® M Series is customisable to meet your needs today and tomorrow for exceptional visual experiences in the meeting room or for delivering real-time media playback in demanding signage applications. The high haze panel means no distracting glare or reflections from windows or lighting.

32" to 98"

M Series

24/7 CERTIFIED OPERATION

4K UHD

SpectraView engine

AirServer

USB Type-C**

intel. smart display module



P Series | Professional Displays

Setting the standard for professional digital signage and information distribution applications, the MultiSync® P Series meets the highest demands for colour reproduction with operational safety and durability appropriate for mission critical applications. The modular and scalable platform secures a futureproof investment.

43" to 65"

P Series

24/7 CERTIFIED OPERATION

4K UHD

SpectraView engine

intel. smart display module



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** Except 32"

Wireless Screen Sharing & USB-C Bundles | Meeting Room Solutions

To lift productivity and employee motivation, Sharp/NEC provides corporate communication solutions for seamless usability. For small meeting rooms to multi-usage spaces, benefit from the best possible user experiences across global standards.

43" to 98"

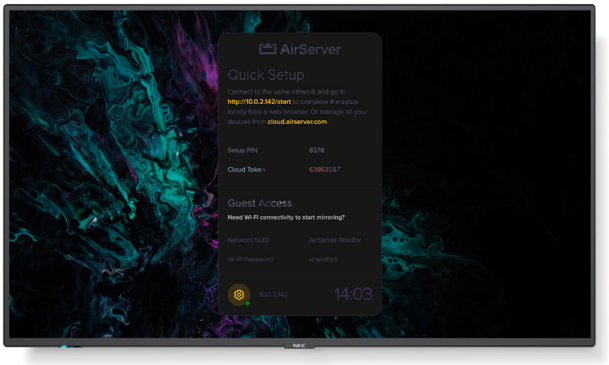
M Series

24/7* CERTIFIED OPERATION

4K UHD

AirServer

USB Type-C*



UN Series | Video Wall

Adaptable, scalable and modular, Sharp/NEC video wall solutions offer unlimited creativity in delivering a seamless viewing experience. Responding to all high quality demands such as 24/7 operation, centralised control, colour accuracy and uniformity; the Sharp/NEC offering also includes pre-configuration and mounting solutions, content management and after sales support.

55"

UN Series

24/7 CERTIFIED OPERATION

1080P FULLHD IMAGE

SpectraView™ engine





* on selected models



Protective Glass Displays

Safeguarding your investment

Ensuring operational safety even under the toughest conditions, Protective Glass screens deliver superb readability and image clarity whilst protecting your investment. An upgrade path available on many LFD series, Protective Glass is advisable for signage applications in public spaces protecting against vandalism and accidental damage.

32" to 65"

Protective Glass

Extended Warranty Programs

NaViSet Administrator 2

24/7 CERTIFIED OPERATION

4K UHD On selected models only



Interactive Displays

Engaging interactive experiences

Intuitive touch engagement attracts and stimulates for a pleasing and more satisfying user experience. Collaboration in meeting rooms and signage, wayfinding and POS/POI - Sharp/NEC's comprehensive range of interactive large format displays offer the technology appropriate for varied applications ensuring the best fit touch solution for your needs.

High-end Collaboration Displays
LA Series — Bringing advanced professional functionality to Enterprise users

Midrange Collaboration Displays
LB Series — Natural 'Pen-on-Paper' interaction for more intuitive collaborative meetings

Entry Collaboration Displays
LC Series — Boost engagement in learning environments with pre-installed applications and tools

Windows Collaboration Display
WD551 — Teams certified all-in-one collaboration display supporting BYOM scenarios

Infrared Touch Displays
LM Series — Feature-rich displays for small meeting spaces and touch signage

PCAP Touch Displays
M Series PCAP — Superior touch performance for demanding environments

InGlass™ Touch Displays
M Series IGB — The most natural writing experience supporting palm rejection and Windows Ink

Du-Co Room System
M Series IGB — Dual-Screen Room System for creative and interactive hybrid meetings

Extended Warranty Programs

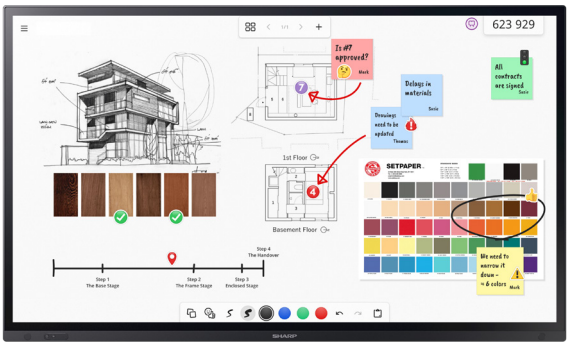
NaViSet Administrator 2

Sharp Collaboration Displays - Interactive engagement in meeting rooms and classrooms

Meetings work best when everyone is engaged, involved and able to contribute, but we know that this can be a challenge. Thanks to the simple, intuitive operation of our interactive displays, we are breaking down barriers to inclusion to make meetings come alive. With its intuitive, reliable, and proven design, the Sharp Collaboration Display portfolio brings confidence and trust to any presenter or meeting enabler, encouraging the best group collaboration, idea sharing and decision making.

A is for Advanced	**Sharp LA Series**	High-end Enterprise Non-Android
B is for Business	**Sharp LB Series**	Midrange SMB Android SoC - option to hide
C is for Classroom	**Sharp LC Series**	Entry Higher Education Android SoC

LA Series | High-end Collaboration Displays



The LA Series safeguards the highest IT security standards whilst supporting maximum choice and flexibility. An Intel®SDM slot expands the display's customizable capability providing pre-installed functionality including Sharp Meeting Launcher for quick access to your favourite apps, FlatFrog Board collaborative whiteboarding software, and AirServer™ for wireless screen sharing.

65" to 86"

LA Series

LB Series | Midrange Collaboration Displays



The LB range of smart interactive displays combines genuine '4K reading and writing' and an intuitive 'Pen-on-Paper' user experience with Zero Bonding and Sharp's PrecisionTouch technology. It is the perfect choice for busy office environments, boardrooms, meeting rooms and training sessions that require quick responsive operation and smart integrated collaboration tools.

65" to 86"

LB Series

LC Series | Entry Collaboration Displays



An all-in-one solution, the LC Series features pre-installed functionality for instant interactivity, and with the EShare feature, content can be wirelessly shared between devices for best collaboration and boosted engagement amongst peers and mentors in learning environments.

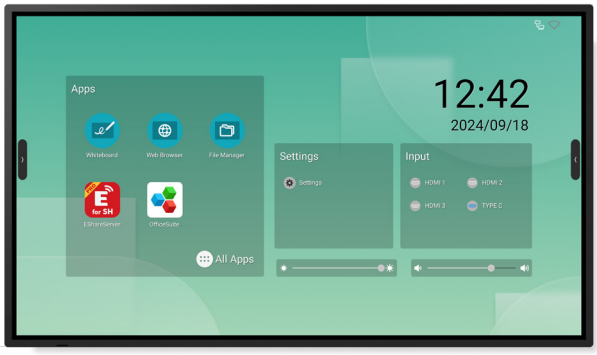
65" to 86"

LC Series

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LM Series | Infrared Touch Displays

For best-in-class touch performance and value, the Sharp LM series commands feature-rich professional capabilities for small meeting spaces and interactive signage applications. An integrated System on Chip (SoC) with Android 14 CTS-compliant Operating System offers the most up to date features and security and seamless out-of-the-box collaboration.



USB Type-C

43" & 55"

LM Series

WD Series | Windows Collaboration Display

For frictionless meeting experiences, with instant access whether in-room or remote, the 55-inch WD551 is an all-in-one smart solution for modern meeting spaces. Users simply connect their own device via the secure USB-C cable to immediately share content and start video meetings using already familiar tools.

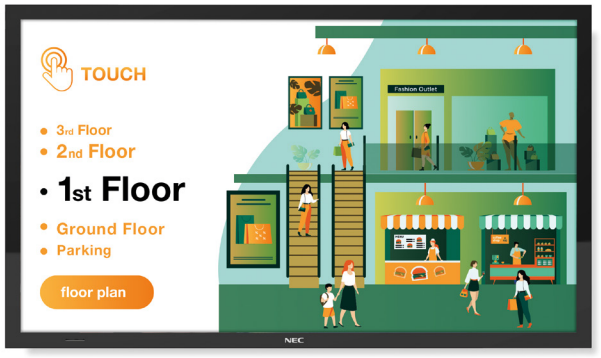


55"

WD Series

M Series PCAP | PCAP Touch Displays

Great first impressions can make all the difference; presenting your business in the best possible way will boost your brand. With a modern, bezel-free styling, 24/7 operation and reduced reflections when ambient light is high, the M series PCAP touch engages audiences and facilitates collaboration.



43" to 55"

M Series PCAP

M Series IGB | InGlass™ Touch Displays

The InGlass™ touch displays with responsive passive pen bring superior paper-like writing with minimal latency. High brightness levels ensure excellent readability and image reproduction even in today's typically bright meeting spaces where maintaining a motivational environment is paramount.



55" to 86"

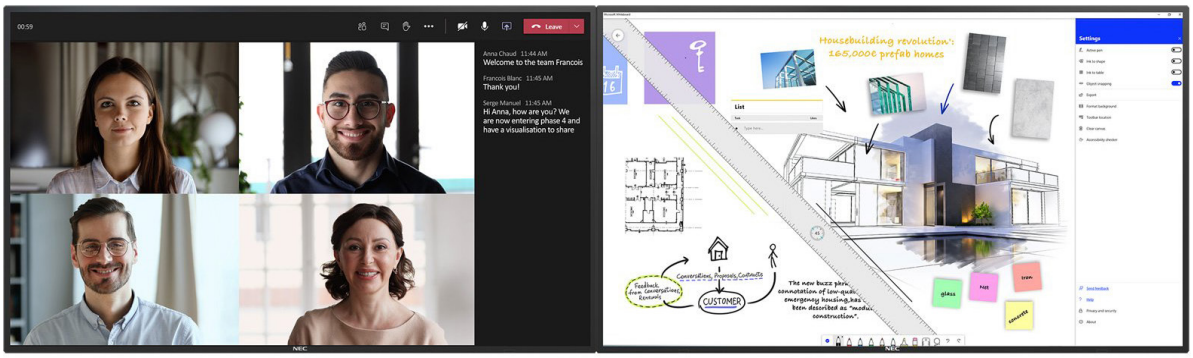
M Series IGB

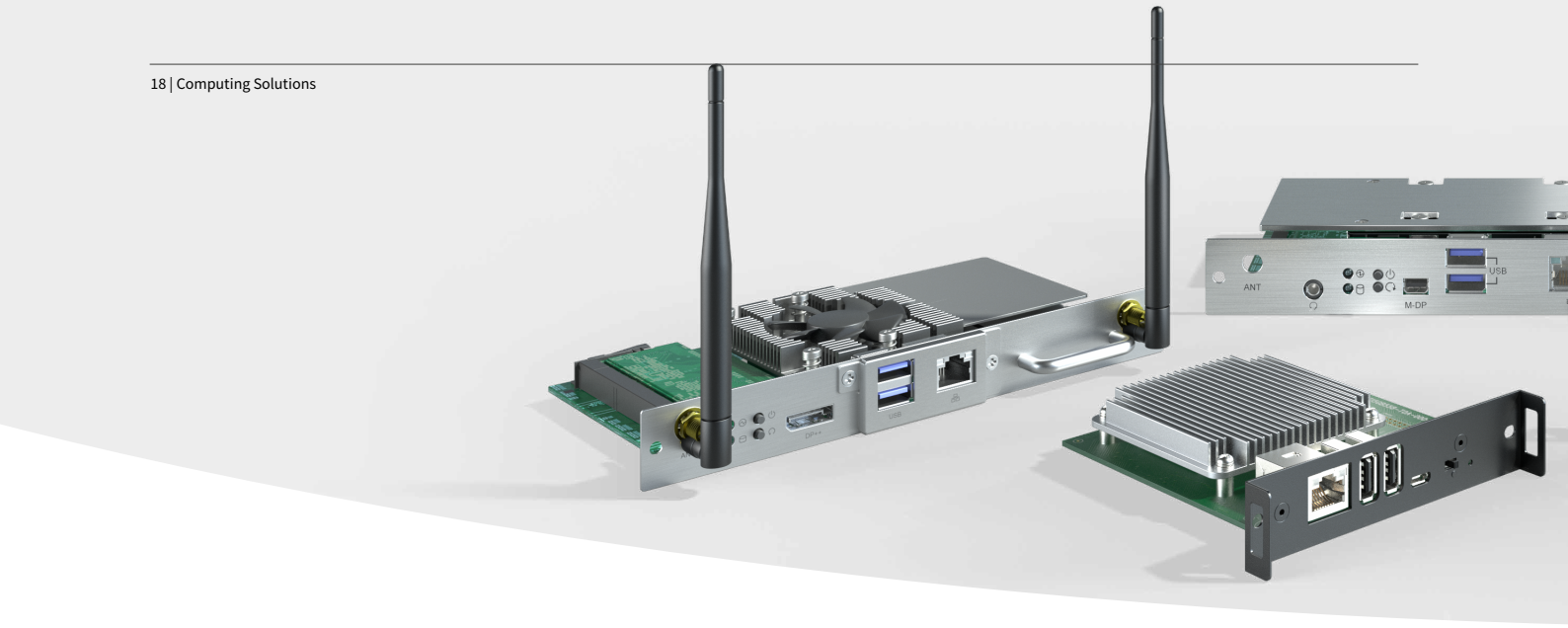
Du-Co Room System | Dual Collaboration

The Dual-Collaboration Room System combines two displays, an interactive MultiSync® M Series IGB display and an identically designed non-interactive MultiSync® M Series, into a comprehensive user-friendly system. It is ideally suited for VC room solutions, like Zoom Room and Teams Room systems. With a sleek and elegant design, the display solution fits seamlessly into modern office spaces.

55" to 75"

M Series IGB
M Series IGB non-touch





Computing Solutions

Scalable and future-proof

Sharp/NEC's Computing portfolio provides a wide range of smart and seamless connection between source and display to deliver powerful, tailored and future proof digital signage and presentations. Fully embedded computing devices or media players make digital signage simpler, more flexible and more energy efficient without the need for additional cables or hardware, thus reducing waste and costs.

System on Chip (SoC) with Android OS

Bringing out-of-the-box-ready experiences for meeting room and signage applications, a SoC with Android Operating System is integrated into a selection of our large format displays. Prioritising ease of use and robust security protocols, the optimised Android for Enterprise by Sharp/NEC provides powerful flexibility and piece of mind for the system integrator as well as end-user.

Intel® Smart Display Module (Intel®SDM)

A natural evolution from the previously used OPS (Open Pluggable Specification) interface, Sharp/NEC has adopted the future-proof Intel® Smart Display Module. Delivering the same level of intelligence and interoperability, but in a smaller form factor and with no housing, the small and large size Intel®SDM modules seamlessly integrate into the latest generation of Sharp/NEC Large Format Displays. Supporting higher resolutions and higher bandwidth, the Intel®SDM architecture supports even greater performance levels and superb reality-like content playback.

Slot-in Computing Solutions

Upgrade the power of your displays at any time with a wide selection of slot-in computing solutions. The MPi4 / MPi5 Kit, based on the professional Compute module 4, or more powerful 5, is the optimum modular SoC for digital signage applications and is offered with multiple CMS partner applications for an out-the-box signage experience. For more demanding applications, select your perfect match CPU performance level from our range of Intel®SDM computing devices.

Slot-in Interfaces

Open modular slot-in options from Sharp/NEC offer an interchangeable selection of solutions including computing technology, media playback and signal distribution (eg AVoverIP) for unlimited versatility. Application usage can be extended through the integration of connectivity standards such as HDBaseT or SDI, widening the performance level of the display.

With the USB Type C Interface Board there will be no more cable clutter or connection frustration; just a single cable is all you need to start your meeting and simultaneously charge your notebook.

These embedded solutions enable the displays to be enhanced to a custom-made solution which matches the specific demands of any application. Should future demands change, the integrated module can be upgraded or re-configured accordingly without having to replace the display.



Computing Options

Sharp NEC Display Solutions offers the following certified compute options:

Fully integrated into the ME2, L2B and LC2 Series, the Android SoC provides an out-of-the-box-ready experience ideal for retail environments, corporate signage and meeting rooms, supported by a range of CMS partners.

The MPi4 and even more powerful MPi5 Kit are offering a cost-effective solution for signage displays in retail environments, for passenger information and quick service menu boards, with access to one of our many CMS partners for more complex playlists.

The SDM Essential offers a powerul but low-cost solution for digital signage in retail or corporate applications, passenger information and menu boards.

The Midrange computing category is offered in both form factors, OPS and SDM, delivering 4K UHD playback in retail and corporate signage, for interactive and kiosk applications.

The Advanced computing category offers the highest performance in form factor OPS and SDM where applications are highly demanding for complex and intelligent signage or interactive installations.

The Enterprise computing category meets all requirements for demanding corporate meeting room applications such as video conferencing, interactive whiteboards and collaborative use cases. Available in both form factors, OPS and SDM.

SDM Collaboration is a powerful and versatile meeting room solution designed for Sharp‘s LA Collaboration Display range and MultiSync® M Series IGB Interactive Displays. Benefit from pre-installed Sharp Meeting Launcher for quick access to your favourite apps including FlatFrog Board collaborative whiteboarding software, and AirServer™ for wireless screen sharing.

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ePaper Displays

Innovative energy-efficient signage

A groundbreaking advance in energy-efficient signage technology, the ePaper display consumes a remarkable zero watts when displaying content. Taking only minimal power draw when content changes, innovation in ePaper signage is making a significant step forward toward the carbon-neutral era.

A digital alternative to paper posters, ePaper presents static content that's always on display, but might need regular updating, such as POS promotions, menu boards and allergen information in retail and hospitality locations, or timetables, check-in, and gate information in transportation settings.

Visible in bright environments, with a paper-like appearance that's easy on the eyes with no reflections nor blue light, ePaper is signposting for sustainability and viewer comfort.

Ultra-light weight, the ePaper display can be hung like a picture frame or free standing in any orientation, demanding little in the way of installation and even less during operation.

	C131	C251
Panel Technology	ePaper	ePaper
Screen Size [inch / cm]	13.3 / 33.8	25.3 / 46.3
Aspect Ratio	4:3	16:9
Supported Orientation	Face Down; Face Up; Landscape; Portrait	Face Down; Face Up; Landscape; Portrait
Native resolution	1600 x 1200	3200 x 1800
Connectivity	2x USB Type C, WiFi, Bluetooth 5.0	2x USB Type C, WiFi, Bluetooth 5.0
Dimensions (W x H x D) [mm]	306.4 x 229.9 x 20.9	596.0 x 352.0 x 31.0
Weight [kg]	0.7	1.9
Supported Image Formats	*jpeg, *jpg, *bmp, *png	*jpeg, *jpg, *bmp, *png





Desktop Displays

Personal workspace monitors

40 YEARS OF MultiSync®

Sharp/NEC offers a desktop display for almost any requirement. From cost-conscious to mission-critical, Sharp/NEC's performance-oriented displays combine attractive lifestyle designs with health conscious ergonomics for corporate office, finance, control-room, small signage, creative and publishing applications.

Commercial Enterprise

E Series	Future proof displays for the performance-oriented workplace
EA Series	Dual-Screen Docking Hub Solutions for high performance oriented workspaces

Extended Warranty Programs

ECO MODE



E Series | Desktop Displays

With user comfort prioritised, workspace ergonomics is a key design feature. Height adjustability to 120 mm with swivel, tilt and pivot functionality ensures a personalised set up, whilst built-in Low Blue Light and Flicker-Free technology protects the viewers' eyes without sacrificing best picture quality. Selected MultiSync® E Series models are future-proofed with USB Type-C and embedded LAN enabling Docking-Hub capability

17" to 24"

E Series

NaViSet Administrator 2

EA Series | Desktop Displays

Enabling multi-screen configurations with ultra-narrow bezels and DisplayPort OUT daisy-chain. Featuring powerful USB Type-C connectivity and embedded LAN, the MultiSync® EA Series becomes a fully functioning Docking Hub solution. With just a single cable to connect notebook/PC to the display whilst powering your device, workspace remains clear of cable clutter and e-waste is minimised.

24" to 27"

EA Series

NaViSet Administrator 2



Projectors

Scalable image size with highest versatility

With scalable bezel-free image sizing, projection is the most flexible of display solutions providing creative opportunities to inform, present and impress. Offering many advantages where flat screen displays are unsuitable, Sharp/NEC offers a wide range of technologies and brightness levels to perfectly meet the needs of numerous and varied applications.

Professional Projectors

PE / P Series	Professional installation balancing price with impressive performance
PV / V Series	Exceptional value for high bright installation projection with wide lens selection

Installation Projectors

PA / A Series	Ready for large venue installations requiring great visual performance
PX / X Series	Maximum flexibility and extraordinary brightness for large venues

Extended Warranty Programs

Professional Projectors

With high brightness levels and professional features, this series delivers affordable large-screen projection performance. Enjoy peace of mind with future proof connectivity and a low total cost of ownership (TCO). Deliver impressive high impact presentations, further enhanced by our super-silent models for no noise disturbance during meetings.

5200 to 8000 Lumen

NaViSet Administrator 2

PE Series
P Series
PV Series



Installation Projectors

For demanding professional setups, Sharp/NEC's installation projector ranges provide 24/7 operation and impressive cost of ownership driven by a low maintenance filter-free design and long-lasting 20,000 h laser light technology, the latest interface technologies and highest installation flexibility. With premium class picture quality these projection solutions offer a compelling proposition.

8200 to 22000 Lumen*

NaViSet Administrator 2

PA Series
PX Series
A Series
X Series





Born of NEC Heritage, raised under the Sharp brand

Rooted in NEC's legacy of quality and projection expertise, new Sharp-branded projectors evidence our commitment to Quality, Service and Sustainability. Behind a new streamlined naming convention lies the same meticulous, high-performance Japanese design and engineering excellence that our customers have put their trust in for over 35 years.

Current NEC models will be transferred to the Sharp brand as explained in the transition below

Professional Business Projectors

Before		Now	
PE	→	**E**	Economy
P	→	**P**	Professional

Professional Installation Projectors

Before		Now	
PV	→	**V**	Value
PA	→	**A**	Advanced
PX	→	**X**	Extreme

* Conforming to ISO 21118



Digital Cinema Projectors

Epic cinematic experiences

Deliver a blockbuster experience satisfying the highest expectations of today's cinema-goers. A leading name in Digital Cinema projection, Sharp/NEC's modular customizable solutions can be configured to suit whatever size and format of venue to maximize revenue generation. Breath-taking, pin sharp images with precise colour reproduction plus easy operation makes Sharp/NEC the ideal solution for theatres and art houses.



DIGITAL PICTURE BY DLP CINEMA TEXAS INSTRUMENTS

For more detailed information please visit:
www.digital-cinema-nec.com



Service Plus

A commitment to quality

Sharp NEC Display Solutions has built a world-renowned reputation developing Display Solutions that offer the ultimate in quality, performance and longevity. We have become recognised for professional performance and our product philosophy has enabled Sharp/NEC to become a leading name in the Finance, Transportation, Colour, Corporate, Healthcare, Retail, Education and Cinema sectors.

Sharp/NEC Service Plus takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the Service Plus promise.

The Service Plus Offering

- Flexible Warranty Extension Programs for all product categories
- 24/7 for selected displays and projectors
- De-/Re-install service
- Optional additional services for dedicated Sharp/NEC displays and projectors with Support+
- Display your brand and mark your property with our Laser Branding Service for dedictated Sharp/NEC Displays and Projectors
- Prism Refurbishment Program for Digital Cinema Projectors

serviceplus

Software

When matching our Hardware and Software Products, Sharp/NEC focuses on one crucial objective: providing best-in-class visual experiences from a single source. Software solutions from Sharp/NEC work perfectly together with the broadest display portfolio on the market whilst widening the range of applications.

IoT & Asset Management

NaViSet Server Edition

NaViSet Server Edition (NASE) expands on the extensive device management capabilities of NaViSet Administrator 2 by providing enterprise level display management such as: Multi-user support with secured communications and logging, running as an on-premises server with remote access, a browser-based interface aimed at mobile devices for management on the go, REST API support for interfacing with other applications and management systems, and support for secure access to remote devices on other networks via the Internet.



NaViSet Administrator 2

An essential tool for large estates, the all-in-one NaViSet Administrator 2 software enables IT administrators to remotely manage their network of Sharp/NEC display and projector devices and Windows PCs. In multi-device environments, this system simplifies the handling and control of devices helping to keep maintenance costs low, minimise downtime and ensure the efficient use of resources.



Image Control and Connectivity

Hiperwall

The IP based video wall content and source management software is the preferred choice for mission critical applications such as control rooms to visualise vast amounts of information from multiple data sources via video walls, projection, large format displays and LED walls. Highest flexibility allows the operator to manipulate and visualise crucial real-time content.



Calibration and Adjustment

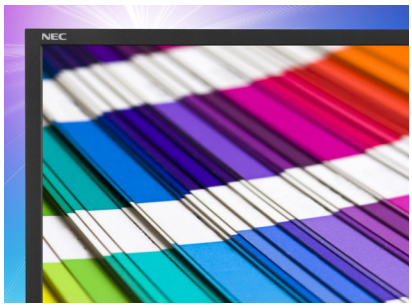
ProAssist

Where projected images appear side-by-side or overlap, even imperceptible misalignments in colour and brightness become jarringly apparent. Making manual adjustments to individual projectors is difficult, yet with ProAssist, each projector is fine-tuned via the network to produce a single homogeneous result. ProAssist manages the settings for colour uniformity, colour gamma, lens control as well as edge blending in one single application. The detailed feature support depends on the projector model.



SpectraView® II

The Calibration and Profiling applications provide a highly accurate, reliable and repeatable hardware colour management set. Designed for creative professionals using colour-accurate applications, SpectraView II and SpectraView Profiler software is designed for selected desktops and large format display models.



NEC Display Wall Calibrator

Ensuring multiple display configurations deliver impactful viewing experiences, the NEC Display Wall Calibrator software adjusts colours and brightness across an entire video wall. The NEC colorimeter measures all relevant colour characteristics to achieve a perfectly matched result across all screens to ensure uniformity and the impression of one single digital canvas.



Interactivity and Collaboration

FlatFrog Board

FlatFrog Board makes hybrid work easy and equally productive for everyone, wherever you are located. Your remote colleagues can join the meeting room from the laptop, tablet or smartphone using FlatFrog Board personal. The FlatFrog Board whiteboard is always available, just walk up and start using it, grab a pen and start inking.



AirServer

AirServer is the world's leading universal screen monitoring solution providing exceptional compatibility and performance. Compatible with all modern phones, tablets and computers using the technologies built into the device: AirPlay, Google Cast and Miracast. Share the entire screen or cast media from apps with low latency and high quality.

AirServer is a complete wireless presentation solution. No need for apps, cables or dongles to connect.



E Series | Indoor FinePitch LED Modules

	LD-E121	LD-E151	LD-E181	LD-E251
Order Code	81000841	81000842	81000843	81000845
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED Type	SMD (1010)	SMD (1212)	SMD (1415)	SMD (2121)
Pixel Pitch [mm]	1.25	1.56	1.87	2.5
Resolution per m^2	640000	409600	284444	160000
Brightness (max.) [cd/m^2]	600	600	800	1000
Contrast Ratio (typ.)	5000:1	4000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	170 / 160	140 /140	140 /140	140/140
Dimming Capability	256 levels	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	14 bit	18 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W] m^2	291	197	212	197
Power Maximum [W] m^2	617	617	617	617
Dimensions (W x H x D) [mm]	600 x 337.5 x 29	600 x 337.5 x 29	600 x 337.5 x 29	601 x 337.5 x 29
Weight [kg] Module	4.7	4.7	4.7	4.7
Serviceability	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20
Lifetime	100000	100000	100000	100000
Certifications	CE;ETL/UL;FCC Class A;RoHS			
Standard Warranty	2 years			

FE-E Series | Indoor LED Modules

	FE012i2-E	FE015i2-E	FE019i2-E
Order Code	81000224	81000225	81000226
Pixel Configuration	3-in-1 SMD	3-in-1 SMD	3-in-1 SMD
LED Type	SMD (1010)	SMD (1010)	SMD (1010)
Pixel Pitch [mm]	1.267	1.583	1.9
Resolution per m^2	623629	398892	277008
Brightness (max.) [cd/m^2]	600	600	600
Contrast Ratio (typ.)	4000:1	4000:1	4000:1
Viewing Angle [°] hor / ver	160 /160	160 /160	160 /160
Dimming Capability	256 levels	256 levels	256 levels
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W] m^2	315	275	275
Power Maximum [W] m^2	600	600	600
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg]	8.8	8.8	8.8
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20
Lifetime	100000 hours	100000 hours	100000 hours
Certifications	CE, ETL/UL, FCC Class A, RoHS		
Standard Warranty	2 years (options to extend)		

E Series Bundles | Indoor FinePitch LED Bundles

	LD-E121-108	LD-E151-135	LD-E181-162	LD-E121-217	LD-E251-217
Order Code	81000829	81000831	81000832	81000830	81000833
Resolution	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080
LED Type	SMD (1010)	SMD (1212)	SMD (1415)	SMD (1010)	SMD (2121)
Module Configuration	4 x 4	5 x 5	6 x 6	8 x 8	8 x 8
Pixel Pitch [mm]	1.25	1.563	1.875	1.25	2.5
Brightness (max.) [cd/m^2]	600	600	800	600	1000
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	4000:1	5000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	170 /160	140 /140	140 /140	170 /160	140 /140
Colour Processing	16 bit	16 bit	14 bit	16 bit	18 bit
LED Driving Method	1/45 dynamic scan	1/54 dynamic scan	1/60 dynamic scan	1/45 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W]	944	1000	1944	3776	2560
Dimensions (W x H x D) [mm]	2412 x 1456 x 47	3012 x 1793,5 x 47	3612 x 2131 x 47	4812 x 2806 x 50	4812 x 2806 x 50
Weight [kg]	89.2	134.5	189.2	342.8	342.8
Connectivity via Controller	3G SDI; DVI-D; HDMI; LAN			Displayport, HDMI; LAN and RS232	
Serviceability	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL, FCC Class A, RoHS				
Shipping Content	LED Controller, LED Modules, Overframe Kit, Power Bar, Wall Mount, Spare Parts Kit, Pixel Card Removal Tool				
Warranty	2 years (options to extend)				

FE Series Bundles

	FE009i2-104	FE009i2-110*
Order Code	81000450	81000291
Screen Size [inch/cm]	104 / 264	110 / 279.4
Resolution	2560 x 1080	2560 x 1440
Module Configuration	4 x 3	4 x 4
LED type	IMD (1616)	IMD (1616)
Pixel Pitch [mm]	0.95	0.95
Brightness (max.) [cd/m^2]	600	600
Lifetime	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140
Colour Processing	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan
Refresh Rate [Hz]	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default	
Power Typical [W]	960	1280
Dimensions (W x H x D) [mm]	2472 x 1066 x 82	2472 x 1489.5 x 82
Weight [kg]	115.6	182
Bezel Width T-L-R / B [mm]	20-20-20 / 20	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI; LAN and RS232	Displayport, HDMI; LAN and RS232
Serviceability	Front	Front
IP Level (Front/Rear)	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	
Shipping Content	LED Controller, LED Modules, Overframe kit, Pixel Card removal Tool, Power Bar**, Spare Parts Kit, Wall Mount	
Warranty	3 years (options to extend)	

FE Series | Indoor FinePitch LED Modules

	FE009i2	FE012i2	FE015i2	FE019i2	FE025i2	FE031i2	FE038i2	LD-FE123	LD-FE153	LD-FE193
Order Code	80000351	80000145	80000146	80000147	80000148	80000149	80000150	81000654	81000655	81000657
Pixel Configuration	4-in-1-IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)				SMD (1415)		SMD (1010) FlipChip		
Resolution per m^2	1108033	623269	398892	277008	155817	99723	69252	623269	398892	277008
Number of Pixel per module [dot]	230400	129600	82944	57600	32400	20736	14400	129600	82944	57600
Number of Pixel per card [dot]	28800	16200	10368	7200	4020	2592	1800	16200	10368	7200
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.5	3.1	3.8	1.266	1.583	1.9
Brightness (max.) [cd/m^2]	600	700	700	700	1000	1000	1000	700	700	700
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	8000:1	8000:1	8000:1
Viewing Angle [°] hor / ver	140 / 140	170 / 170	160 / 160	170 / 170	160 / 140	160 / 160	160 / 160	170 / 160	170/160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/15 dynamic scan	1/45 dynamic scan	1/48 dynamic scan	1/45 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840	3840	840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default			3000 - 9500	3000 - 9500	3000 - 9500
Power Typical [W] m^2	380	300	275	275	225	225	225	106	106	106
Power Maximum [W] m^2	720	600	600	600	575	575	575	183	183	183
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Serviceability	Front				Front			Front		
IP Level (Front/Rear)	IP20				IP20			IP20		
Certifications	CE, ETL/UL, FCC Class A, RoHS				CE, ETL/UL, FCC Class A, RoHS			CE;ETL/UL;FCC Class A;RoHS;EMC Class B (Module)		
Warranty	3 years (options to extend)				3 years (options to extend)			3 years (options to extend)		

FE Series Bundles | Indoor FinePitch LED Bundles*

	FE009i2-165	FE012i2-110	FE012i2-220	FE015i2-137	FE019i2-165	FE025i2-220	LD-FE123-110	LD-FE123-220	LD-FE153-137	LD-FE193-165
Order Code	81000112	81000028	81000050	81000020	81000029	81000030	81000818	81000821	81000819	81000820
Screen Size [inch/cm]	165 / 419	110 / 279	220 / 559	137 / 348	165 / 419	220 / 559	110 / 279	220 / 559	137 / 348	165 / 419
Resolution	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	1920 x 1080	1920 x 1080
Module Configuration	6 x 6	4 x 4	8 x 8	5 x 5	6 x 6	8 x 8	4 x 4	8 x 8	5 x 5	6 x 6
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1415)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)
Pixel Pitch [mm]	0.95	1.266	1.266	1.583	1.9	2.533	1.266	1.266	1.583	1.9
Brightness (max.) [cd/m^2]	600	700	700	700	700	1000	700	700	700	700
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	8000:1	8000:1	8000:1	8000:1
Viewing Angle [°] hor / ver	140 / 140	170 / 170	170 / 170	170 / 170	170 / 170	160 / 140	170 / 160	170 / 160	170 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/45 dynamic scan	1/45 dynamic scan	1/48 dynamic scan	1/45 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840	3840	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default			3000 - 9500 adjustable / 6500 default			3000 - 9500 adjustable / 6500 default			
Power Typical [W]	2880	912	3648	1425	2052	3008	390	1495	598	850
Dimensions (W x H x D) [mm]	3688 x2173.5 x 82	2472 x 1498.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82	4904 x 2875.5 x 82	2472 x 1489.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82
Weight [kg]	390	251	987	372	494	987	251	987	372	494
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI; LAN and RS232	HDMI, DVI-D, 3G-SDI, LAN	Displayport, HDMI; LAN and RS232	HDMI, DVI-D, 3G-SDI, LAN	HDMI, DVI-D, 3G-SDI, LAN	HDMI, DVI-D, 3G-SDI, LAN	HDMI, DVI-D, 3G-SDI, LAN	Displayport, HDMI, LAN and RS232	HDMI, DVI-D, 3G SDI, LAN	HDMI, DVI-D, 3G SDI, LAN
Serviceability	Front	Front	Front	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS			CE, ETL/UL, FCC Class A, RoHS			CE, ETL/UL, FCC Class A, RoHS			
Shipping Content	LED Controller, LED Modules, Overframe kit, Pixel Card removal Tool, Power Bar**, Spare Parts Kit, Wall Mount									
Warranty	3 years (options to extend)			3 years (options to extend)			3 years (options to extend)			

* FE-E pixel card option available ** Power Bar not included for FE009i2-104

FA Series | Indoor FinePitch LED Modules

	FA009i2	FA012i2	FA015i2	FA019i2	FA025i2	FA031i2	FA038i2
Order Code	80000290	80000017	80000018	80000019	80000020	80000021	80000022
Pixel Configuration	4-in-1 IMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)	3-in-1 SMD (Black)
LED type	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)	SMD (1515)	SMD (1515)
Resolution per m^2	1108033	623269	398892	277008	155817	99723	69252
Number of Pixel per module [dot]	230400	129600	82944	57600	32400	20736	14400
Number of Pixel per card [dot]	28800	16200	10368	7200	4020	2592	1800
Pixel Pitch [mm]	0.95	1.266	1.583	1.9	2.533	3.167	3.8
Brightness (max.) [cd/m^2]	600	800	800	800	1200	1200	1200
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	7000:1	7000:1	7000:1
Viewing Angle [°] hor/ver	140 / 140	170 / 170	170 / 170	170 / 170	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/15 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840	3840	3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W] m^2	380	315	275	275	225	225	225
Power Maximum [W] m^2	720	600	600	600	575	575	575
Dimensions (W x H x D) [mm]	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49	608 x 342 x 49
Weight [kg] Module	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Serviceability	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS, ETL/UL				CE, FCC Class A, RoHS, ETL/UL		
Warranty	3 years (options to extend)				3 years (options to extend)		

FA Series Bundles | Indoor FinePitch LED Bundles

	FA009i2-110	FA009i2-165	FA012i2-110	FA012i2-220	FA015i2-137	FA019i2-165	FA025i2-220
Order Code	81000290	81000101	81000002	81000021	81000004	81000005	81000006
Screen Size [inch/cm]	110 / 279.4	165 / 419	110 / 279	220 / 559	137 / 348	165 / 419	220 / 559
Resolution	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080	1920 x 1080	1920 x 1080
Module Configuration	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5	6 x 6	8 x 8
LED type	IMD (1616)	IMD (1616)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1010)	SMD (1515)
Pixel Pitch [mm]	0.95	0.95	1.266	1.266	1.583	1.9	2.533
Brightness (max.) [cd/m^2]	600	600	800	800	800	800	1200
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	5000:1	5000:1	5000:1	5000:1	5000:1	5000:1	7000:1
Viewing Angle [°] hor / ver	140 / 140	140 / 140	170 / 170	170 / 170	170 / 170	170 / 170	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/46 dynamic scan	1/46 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/27 dynamic scan	1/30 dynamic scan	1/27 dynamic scan
Refresh Rate [Hz]	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840	≤ 3840
Colour Temperature [K]	3000 - 9500 adjustable / 6500 default				3000 - 9500 adjustable / 6500 default		
Power Typical [W]	1280	2880	912	3648	1425	2050	3008
Dimensions (W x H x D) [mm]	2472 x 1489.5 x 82	3688 x 2173.5 x 82	2472 x 1498.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82	3688 x 2173.5 x 82	4904 x 2875.5 x 82
Weight [kg]	182	390	251	660	372	494	987
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity (via Controller)	Displayport, HDMI; LAN and RS232		HDMI, DVI-D, 3G-SDI, LAN	Displayport, HDMI; LAN and RS232	HDMI, DVI-D, 3G-SDI, LAN		
Redundancy	LED Controllers, Power Supplies, Receiving Cards				LED Controllers, Power Supplies, Receiving Cards		
Serviceability	Front	Front	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Certifications	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL	CE, FCC Class A, RoHS, ETL/UL		
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card removal Tool, Power Bar, Spare Parts Kit, Wall Mount						
Warranty	3 years (options to extend)				3 years (options to extend)		

D Series | Indoor FinePitch LED Modules

	LD-D091	LD-D121	LD-D151
Order Code	TBD	TBD	TBD
Pixel Configuration	3-in-1 COB	3-in-1 COB	3-in-1 COB
LED Type	COB (0408)	COB (0408)	COB (0408)
Resolution per m^2	1108033	623269	398892
Number of Pixel per module [dot]	230400	129600	82944
Number of Pixel per card [dot]	28800	16200	10368
Pixel Pitch [mm]	0.95	1.267	1.583
Brightness (max.) [cd/m^2]	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 /150	160 /160	160 /160
Colour Processing	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500
Power Typical [W] m^2	135	192	173
Power Maximum [W] m^2	289	337	313
Dimensions (W x H x D) [mm]	608 x 342 x 48.5	608 x 342 x 48.5	608 x 342 x 48.5
Weight [kg] Module	7	7	7
Serviceability	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS		
Warranty	3 years (options to extend)		

B Series | Indoor Modules

	B039i
Ordercode	80000026
Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (2121)
Resolution per m^2	65536
Number of Pixel per module [dot]	4096
Pixel Pitch [mm]	3.91
Brightness (max.) [cd/m^2]	1000
Lifetime	100000 hours
Contrast Ratio (typ.)	3000:1
Viewing Angle [°] hor / ver	160 / 160
Colour Processing	16 bit
Colours	281 trillion
LED Driving Method	1/16 dynamic scan
Refresh Rate [Hz]	2400
Colour Temperature [K]	3200 - 9300 adjustable
Power Typical [W] m^2	136
Power Maximum [W] m^2	400
Dimensions (W x H x D) [mm]	500 x 500 x 78
Weight [kg]	9
Dimension Pixelcard (W x H) [mm]	250 x 250
Serviceability	Standard Rear, Front Optional
IP Level (Front/Rear)	IP30
Certifications	CE, EMC Class B, RoHS, CCC

D Series Bundles | Indoor FinePitch LED Bundles

	LD-D091-110	LD-D091-165	LD-D121-110	LD-D121-220	LD-D151-137
Order Code	81000822	81000823	81000824	81000826	81000827
Screen Size [Inch]	110	165	110	220	137
Resolution	2560 x 1440	3840 x 2160	1920 x 1080	3840 x 2160	1920 x 1080
Module Configuration	4 x 4	6 x 6	4 x 4	8 x 8	5 x 5
LED Type	COB (0408)	COB (0408)	COB (0408)	COB (0408)	COB (0408)
Pixel Pitch [mm]	0.95	0.95	1.267	1.267	1.583
Brightness (max.) [cd/m^2]	800	800	800	800	800
Lifetime	100000 hours	100000 hours	100000 hours	100000 hours	100000 hours
Contrast Ratio (typ.)	20.000:1	20.000:1	20.000:1	20.000:1	20.000:1
Viewing Angle [°] hor / ver	160 / 150	160 / 150	160 / 160	160 / 160	160 / 160
Colour Processing	16 bit	16 bit	16 bit	16 bit	16 bit
LED Driving Method	1/36 dynamic scan	1/36 dynamic scan	1/45 dynamic scan	1/45 dynamic scan	1/36 dynamic scan
Refresh Rate [Hz]	3840	3840	3840	3840	3840
Colour Temperature [K]	3000-9500	3000-9500	3000-9500	3000-9500	3000-9500
Power Typical [W] m^2	497	1008	640	2560	900
Dimensions (W x H x D) [mm]	2472 x 1489.5 x 82	3688 x 2173 x 82	2472 x 1489.5 x 82	4904 x 2875.5 x 82	3080 x 1831.5 x 82
Weight [kg]	153,2	325	153,2	543	234
Bezel Width T-L-R / B [mm]	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100	20-20-20 / 100
Connectivity via Controller	Displayport, HDMI, LAN and RS232	Displayport, HDMI; LAN and RS232	3G SDI, DVI-D, HDMI, LAN	Displayport, HDMI; LAN and RS232	3G SDI, DVI-D, HDMI, LAN
Serviceability	Front	Front	Front	Front	Front
IP Level (Front/Rear)	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20	IP40 / IP20
Certifications	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS	CE, ETL/UL, FCC Class A, RoHS
Shipping Content	LED Controller, LED Modules, Overframe Kit, Pixel Card Removal Tool, Power Bar, Spare Parts Kit, Wall Mount				
Warranty	3 years (options to extend)	3 years (options to extend)		3 years (options to extend)	

E Series | Essential Displays

MultiSync® Model	E328-2	E438	E498	E558	E658	E758	E868	E988
Order Code	60005270	60005045	60005052	60005054	60005059	60005157	60005159	60005929
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	32 / 80	43 / 108	49 / 123	55 / 139	65 / 164	74.5 / 189.3	85.6 / 217.43	97.5 / 247.7
Brightness (max.) [cd/m²]	400	400	400	400	400	400	400	400
Contrast (typ.)	1200:1	1200:1	1200:1	1200:1	1200:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8	8
Haze Level (%)	Pro (28)	Standard (1)	Standard (1)	Standard (1)	Standard (1)	Pro (25)	Pro (25)	Pro (28)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA	3 HDMI, VGA, USB 2.0, USB Type C	3 HDMI, VGA, USB 2.0, USB Type C	3 HDMI, VGA, USB 2.0, USB Type C
Power Consumption shipping [W]	33	72	109	105	144	145	205	200
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	727 x 422 x 67	970 x 560 x 71	1103 x 608 x 72	1238.6 x 718 x 72	1458 x 834 x 73	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2	2194.65 x 1250.15 x 84.3
Weight [kg]	5.3	8.9	12.4	16.8	23.8	36.3	46	65,4
Bezel Width [mm]	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	12.5 (left, right, top); 13.9 (bottom)	13 (left, right, top); 14.4 (bottom)	14.3 (left, right and top); 14.8 (bottom)	14.3 (left, right and top); 14.8 (bottom)	15.9
Integrated Speakers	2x 5 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W
NaViSet	●	●	●	●	●	●	●	●

ME Series | Midrange Displays

MultiSync® Model	ME432	ME502	ME552	ME652	ME752	ME862	ME982
Order Code	60005921	60005922	60005923	60005924	60005925	60005926	60005927
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164	75 / 189.3	86 /217.4	98 / 247.7
Brightness (max.) [cd/m²]	400	450	450	450	450	450	450
Contrast (typ.)	1200:1	5000:1	1200:1	1200:1	1200:1	1200:1	1200:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	6	8	8	8	8	8
Haze Level (%)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (25)
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Embedded Computing	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM	Android 13, 4G RAM, 32GB ROM
Connectivity	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C	3 HDMI, USB Type C
Power Consumption shipping [W]	90	85	120	140	132	162	206
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	964.6 x 552.5 x 62	1118.6 x 639.2 x 62	1233 x 703.5 x 62	1463.3 x 838.2 x 68	1686 x 964 x 68	1931 x 1.102 x 68	2199 x 1.255 x 69
Weight [kg]	9.4	11.7	13.2	23.7	34,3	42	54,5
Bezel Width [mm]	9.9	9.9	9.9	15.9	15.9	15.9	18
Integrated Speakers	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W	2x 10 W
NaViSet	●	●	●	●	●	●	●

M Series | Midrange Displays

MultiSync® Model	M321	M431	M491	M551	M651	M751	M861	M981
Order Code	60005288	60005047	60005051	60005055	60005061	60005064	60005067	60005069
Order Code with AirServer	-	40001580	40001581	40001582	40001583	40001654	40001655	40001653
Order Code with USB-C Interface	-	60006091	60006092	60006093	60006094	60006095	60006096	60006097
Panel Technology	IPS / Direct LED	IPS / Edge LED	IPS / Edge LED	IPS / Edge LED	IPS / Edge LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	32 / 80	43 / 108	49 / 123	55 / 139	65 / 164	75 / 189.3	86 / 217.4	98 / 248.92
Brightness (max.) [cd/m²]	450	500	500	500	500	500	500	500
Contrast (typ.)	1100:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)	Pro (28)	Pro (28)	Pro (25)	Pro (28)	Pro (28)
Supported orientation	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	VGA, DP, 2 HDMI, USB 2.0	2 HDMI, DP	2 HDMI, DP	2 HDMI, DP	2 HDMI, DP	HDMI: 2 In, 1 Out; DP 2 In, 1 Out		
Slot-In Option	Intel® SDM; RPi Compute Module 4					Intel® SDM; RPi Compute Module 4		
Power Consumption shipping [W]	40	80	80	110	120	205	320	340
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	726.5 x 425.4 x 66.5	968 x 561 x 67	1103 x 636 x 61	1240 x 713 x 61	1458 x 836 x 63	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2	2194.7 x 1250.2 x 84.3
Weight [kg]	6.3	17.8	21.8	26.4	37.1	38	47	67
Bezel Width [mm]	11.8 (top); 11.9 (left and right); 17.2 (bottom)	11 (left, right, top); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	14.3 (left, right and top); 14.8 (bottom)	14.3 (left, right and top); 14.8 (bottom)	14.3 (left, right and top); 14.8 (bottom)
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet	●	●	●	●	●	●	●	●
SpectraView Engine	-	-	-	-	-	●	●	●
USB-C Interface Board	-	optional	optional	optional	optional	optional	optional	optional
AirServer	-	optional	optional	optional	optional	optional	optional	optional
Cisco Webex	-	-	-	-	-	●	●	●

M Series | Midrange Displays

P Series | Professional Signage

MultiSync® Model	M431-2	M501-2	M551-2	M651-2	P435	P495	P555
Order Code	60006083	60006084	60006085	60006086	60005141	60005049	60005058
Panel Technology	IPS / Direct LED	VA / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Edge LED	IPS / Edge LED	IPS / Edge LED
Screen Size [inch / cm]	43 / 108	50 / 125.7	55 / 138.8	65 / 163.9	43 / 108	49 / 125	55 / 139
Brightness (max.) [cd/m²]	500	500	500	500	700	700	700
Contrast (typ.)	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1	≥ 8000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8
Haze Level (%)	Pro (25)	Pro (25)	Pro (25)	Pro (25)	Pro (28)	Pro (28)	Pro (28)
Supported Orientation	Landscape; Portrait	Landscape; Portrait	Landscape; Portrait	Landscape; Portrait	Landscape, Portrait, Face Up, Face Down		
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	DP; 2x HDMI	DP; 2x HDMI	DP; 2x HDMI	DP; 2x HDMI	HDMI: 2 In, 1 Out; DP 2 In, 1 Out		
Slot-In Option	Intel® SDM; RPi Compute Module 4		Intel® SDM; RPi Compute Module 4		Intel® SDM; RPi Compute Module 4		
Power Consumption shipping [W]	80	85	120	165	90	105	110
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	973 x 561.2 x 62.6	1128.4 x 649 x 62.6	1241.8 x 712.6 x 62.6	1462.3 x 837.3 x 68.1	968 x 561 x 67	1103 x 636 x 61	1240 x 713 x 61
Weight [kg]	13.9	17.3	19.8	29.4	18.5	22.9	27.6
Bezel Width [mm]**	13,9	14,9	13,9	14,9	11 (left, right, top); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)	12 (top); 12.5 (left, right); 15.6 (bottom)
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	-	-	-
NaViSet	●	●	●	●	●	●	●
SpectraView Engine	-	-	-	-	●	●	●

M Series | Midrange Displays

MultiSync® Model	M432	M502	M552	M652	M752	M862	M982
Order Code	60006053	60006054	60006055	60006056	TBD	TBD	TBD
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164	75 / 189.3	86 / 217.2	98 / 247.7
Brightness (max.) [cd/m²]	550	550	550	550	550	550	550
Contrast (typ.)	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8
Haze Level (%)	Pro (TBD)	Pro (TBD)	Pro (TBD)	Pro (TBD)	Pro (TBD)	Pro (TBD)	Pro (TBD)
Supported orientation	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Tilt	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out	2x DP in; 2x HDMI in; DP out; HDMI out
Slot-In Option	Intel® SDM; RPi Compute Module (MPi4 / MPi5 Kit)				Intel® SDM; RPi Compute Module (MPi4 / MPi5 Kit)		
Power Consumption shipping [W]	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	965 x 557.2 x 66.5	1121,6	1235.6 x 709.3 x 59.5	1454.5 x 832.4 x 59.5	1682.3 x 961.1 x 83.2	1927.6 x 1099.1 x 83.2	2194.7 x 1250.2 x 84.3
Weight [kg]	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Bezel Width [mm]	13.9 (bottom); 9.9 (left, right, top)*	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)
Integrated Speakers	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W	2 x 10W
NaViSet	●	●	●	●	●	●	●
SpectraView Engine	●	●	●	●	●	●	●
Integrated USB-C Interface*	●	●	●	●	●	●	●
AirServer	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Cisco Webex	TBD	TBD	TBD	TBD	TBD	TBD	TBD

P Series | Professional Signage

MultiSync® Model	P436	P506	P556	P656
Order Code	60005911	60006060	60005916	60006061
Panel Technology	IPS / Direct LED	VA / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	43 / 108	50 / 126	55 / 139	65 / 164
Brightness (max.) [cd/m²]	700	700	700	700
Contrast (typ.)	TBD	TBD	TBD	TBD
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Pro (TBD)	Pro (TBD)	Pro (TBD)	Pro (TBD)
Supported Orientation	Landscape, Portrait, Face Up, Face Down		Landscape, Portrait, Face Up, Face Down	
Native Resolution	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
Connectivity	2x DP in; 2x HDMI in; DP out; HDMI out		2x DP in; 2x HDMI in; DP out; HDMI out	
Slot-In Option	IntelR® SDM; RPi Compute Module (MPi4 / MPi5 Kit)		IntelR® SDM; RPi Compute Module (MPi4 / MPi5 Kit)	
Power Consumption shipping [W]	TBD	TBD	TBD	TBD
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	965 x 557.2 x 66.5	1121.6 x 645.2 x 66.5	1253.6 x 709.3 x 59.5	1454.5 x 832.4 x 59.5
Weight [kg]	TBD	TBD	TBD	TBD
Bezel Width [mm]**	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)	13.9 (bottom); 9.9 (left, right, top)
Integrated Speakers	●	●	●	●
NaViSet	●	●	●	●
SpectraView Engine	●	●	●	●

* supported

UN Series | Video Wall

MultiSync® Model	UN552	UN552V	UN552S	UN552VS
Order Code	60004884	60004882	60004523	60004524
Panel Technology	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED	IPS / Direct LED
Screen Size [inch / cm]	55 / 140	55 / 140	55 / 140	55 / 140
Brightness (Max.) [cd/m²]	700	500	700	500
Contrast (typ.)	1200:1	1200:1	1100:1	1100:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8
Haze Level (%)	Pro (28)	Pro (28)	Pro (28)	Pro (28)
Supported Orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectivity	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA	DP In/Out, HDMI In/Out, DVI-D, VGA
Slot-In Option	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot	OPS, Compute Module Slot
Power Consumption shipping [W]	150	110	165	160
Power Savings Mode [W]	<0.5	<0.5	<0.5	<0.5
Dimensions (W x H x D) [mm]	1213 x 684 x 104	1213 x 684 x 104	1211 x 682 x 99	1211 x 682 x 99
Weight [kg]	25.5	25.5	25.8	25.8
Bezel Width T - L / B - R [mm]*	2.3 / 1.2	2.3 / 1.2	0.44 / 0.44	0.44 / 0.44
NaViSet	●	●	●	●
SpectraView Engine	●	●	●	●
NEC Display Wall Calibrator	●	●	●	●

Protective Glass Displays

MultiSync® Model	M321 PG-2	M431 PG-2	M491 PG-2	M551 PG-2
Order Code	60005605	60005850	60005851	60005852
Base Model	M321	M431	M491	M551
All specs same as base model except for those listed below				
Dimensions (W x H x D) [mm]	731.5 x 438.4 x 76.5	968.2 x 561 x 67.1	1103.4 x 636.2 x 61.1	1239.6 x 713 x 61.1
Weight [kg]	9.1	17.8	21.8	26.4
Bezel Width T-B / L-R [mm]	18.4 (top);14.4 (left and right); 23.8 (bottom)	11 (left, right and top); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)
Glass Type	GroGlass® Protective Glass; Premium toughened glass, anti-glare coating			
Glass Thickness [mm]	4	4	4	4
Coating	Security Glass with anti-reflextion coating			
Light Transmission [%]	≥ 97	97	97	97
Reflection Rate [%]	1	<1	<1	<1

Protective Glass Displays

MultiSync® Model	M651 PG-2	P435 PG-2	P495 PG-2	P555 PG-2
Order Code	60005853	60005857	60005858	60005859
Base Model	M651	P435	P495	P555
All specs same as base model except for those listed below				
Dimensions (W x H x D) [mm]	1458.4 x 836.2 x 62.6	968.2 x 561 x 67.1	1103.4 x 636.2 x 61.1	1239.6 x 713 x 61.1
Weight [kg]	37.1	18.5	22.9	27.6
Bezel Width T-B / L-R [mm]	12 (top); 12.5 (left and right); 15.6 (bottom)	11 (left, right and top); 15.6 (bottom)	12 (top and bottom); 12.5 (left and right); 15.6 (bottom)	12 (top); 12.5 (left and right); 15.6 (bottom)
Glass Type	GroGlass® Protective Glass; Premium toughened glass, anti-glare coating			
Glass Thickness [mm]	5	4	4	4
Coating	Security Glass with anti-reflextion coating			
Light Transmission [%]	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1

	LA Series | High End			LB Series | Midrange			LC Series | Entry		
	PN-LA652	**PN-LA752**	**PN-LA862**	**PN-L652B**	**PN-L752B**	**PN-L862B**	**PN-LC652**	**PN-LC752**	**PN-LC862**
Order Code	60005930	60005933	60005559	60005557	60005558	60005559	60005890	60005892	60005901
Panel Technology	IPS / Direct LED			VA / IPS Direct		IPS / Direct LED	IPS / Direct LED		
Screen Size [inch / cm]	65 / 163.9	75 / 189.3	86 / 217.4	65 / 163.9	75 / 189.3	86 / 217.4	65 / 163.9	75 / 189.3	86 / 217.4
Brightness w/o Glass (max.) [cd/m2]	450	500		400			450		
Supported Orientation	Landscape, Portrait, Face-up			Landscape & Portrait		Landscape	Landscape		
Operating Hours	24/7			16/7			16/7		
Haze Level (%)	4 ~ 8			3 ~ 8			3 ~ 8		
Hardness [H]	≥8			≥8			≥8		
Bonding Technology	Zero Bonding			Zero Bonding			Zero Bonding		
Touch Technology	InGlass™ M5			PrecisionTouch			Infrared		
Touch Points	20			20			20		
Input Method	Finger, Stylus, Gloves			Finger, Stylus, Gloves			Finger, Stylus, Gloves		
Packaged Pen	2x Passive Pen (2mm/5mm)			2x Passive Pen (3mm/9mm)			2x Passive Pen (3mm/8mm)		
Windows Ink	●			●			–		
Palm Rejection	●			–			–		
Connectivity	2x HDMI, 1x DP, 1x USB-C, 3x USB-A, 1x USB-B (Touch), 1x DP OUT			1x VGA, 3x HDMI, 1x USB-C, 5x USB-A, 2 x USB-B (Touch)			1x VGA, 3x HDMI, 1x DP, 1x USB-C, 4x USB-A, 2x USB-B (Touch), 1x HDMI OUT		
Front Bezel Ports	–			2x USB-A			1x HDMI, 1x USB-B, 2x USB-A		
Slot-in Option	Intel SDM			Intel OPS			Intel OPS		
Embedded SoC	–			Android 9			Android 11		
Google CTS	–			●			–		
Hide Android SoC	–			●			–		
App Side Loading (Android SoC)	–			●			–		
Built-in Android Apps	–			File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - BytelloShare			File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - EShare		
Software Included	FlatFrog Board for Rooms (1 year), NaViSet Administrator 2.0, Sharp Pen Software, additional applications with optional SDM-L Collaboration			NaViSet Administrator 2.0, Sharp Pen Software			NaViSet Administrator 2.0, Sharp Pen Software		
Power Consumption Eco (shipping) [W]	190	205	275	165	230	295	180	200	260
Dimensions (W x H x D) [mm]	1493.5 x 896.1 x 90.7	1720.1 x 1023.6 x 86.5	1965.4 x 1163.9 x 86.5	1488.4 x 896.6 x 85.5	1709.4 x 1019.8 x 85.7	1957 x 1159.5 x 85.7	1511.6 x 917.9 x 85.9	1722.5 x 1032.1 x 87.1	1967.9 x 1170.2 x 87.1
Weight [kg]	49	56.5	71.5	36.5	49.5	62.5	38.5	51	65
VESA Mounting [mm]	600 x 400			600 x 400	800 x 400	800 x 600	600 x 400	800 x 400	800 x 600
Bezel Width [mm]	4.8 (L/R/T); 32.3 (B)			16.8 (left, right and top); 45.7 (bottom)			21.9 (left, right and top); 53.2 (bottom)		
Front Bezel Buttons	Stand-by, User OSD			Stand-by			Stand-by, Home, Freeze, Input, Volume		
Integrated Speakers	2x 15 W			2x 10 W			2x 15 W		
Integrated Sensors	Temperature, Ambient Light, Presence Detection			Temperature			Temperature		
NaViSet	●			●			●		
3rd Party Certifications	Barco ClickShare, Crestron CCV2 & XiO Cloud, Cisco Webex			Barco ClickShare, Crestron CCV2 & XiO Cloud, Google CTS			Barco ClickShare		

LM Series | IR

M Series PCAP | PCAP

M Series IGB | InGlass™

	LM431	LM551	M431 PCAP	M491 PCAP	M551 PCAP	M651 PCAP	M551 IGB	M651 IGB	M751 IGB	M861 IGB
Order Code	60006140	60006142	60005076	60005080	60005082	60005341	60005425	60005426	60005948	60005949
Base Model	—	—	M431	M491	M551	M651	M551	M651	M751	M861
Panel Technology	VA / Direct LED		IPS / Direct LED				IPS / Direct LED			
Screen Size [inch / cm]	43 / 108	55 / 138.8	43 / 108	49 / 123.2	55 / 138.8	65 / 163.9	55 / 138.8	65 / 163.9	75 / 189.3	86 / 217.4
Brightness w/o Glass [cd/m2]	500		500				500			
Supported Orientation	Landscape / Portrait / Tilt (0-45°)		Landscape, Portrait, Face-up				Landscape, Portrait, Face-up			
Operating Hours	18/7		24/7				24/7			
Haze Level (%)	25		5 ~ 10				≥ 5 ± 3			
Hardness [H]	9		6				7			
Bonding Technology	Zero Bonding		Airgab Bonding				Airgab Bonding			
Touch Technology	Infrared		PCAP				InGlass™ M3			
Touch Points	20		20				20			
Input Method	Finger, Stylus, Gloves		Finger, Conductive Passive Stylus, Thin Gloves				Finger, Stylus, Gloves			
Packaged Pen	2x Passive Pens (2.6mm/6.8mm)		—				2x Passive Stylus (2mm)			
Windows Ink	●		—				●			
Palm Rejection	—		—				●			
Connectivity	3x HDMI, 1x USB-C, 4x USB-A, 1x USB-B (Touch)		2x HDMI, 1x DP, 1x USB-A				2x HDMI, 1x DP, 1x USB-A, 1x USB-B (Touch)		2x DP, 2x HDMI, 2x USB-A, 1x USB-B, 1x USB-B (Touch), 1x HDMI OUT, 1x DP OUT	
Front Bezel Ports	—		—				—			
Slot-in Option	—	Intel OPS	Intel SDM; RPi Compute Module 4				Intel SDM; RPi Compute Module 4			
Embedded SoC	Android 14		—				—			
Hide Android SoC	●		—				—			
App Side Loading (Android SoC)	●		—				—			
Built-in Android Apps	File Manager, Web Browser, Whiteboard, Wireless Screen Sharing - EShare, Office & PDF Viewer - OfficeSuite		—				—			
Included Software	Sharp Pen Software, NaViSet Adminsistrator 2		NaViSet Adminsistrator 2				FlatFrog Board for Rooms (1 year), NaViSet Administrator 2.0			
Power Consumption Eco (shipping) [W]	110	145	80	80	110	120	110	110	205	320
Dimensions (W x H x D) [mm]	994 x 582 x 73	1265 x 736 x 73	1003 x 595 x 74	1140 x 670 x 65	1276 x 747 x 68	1493 x 871 x 69	1284.5 x 757.3 x 70.9	1501.3 x 879 x 73.2	1724.6 x 1003 x 93.4	1972 x 1142 x 91.5
Weight [kg]	21	33	24.8	30.3	36.4	51.1	38.5	53.5	62.0	76.0
VESA Mounting [mm]	400 x 400		300 x 300			400 x 400	300 x 300	400 x 400	600 x 400	
Bezel Width [mm]	15		Flush, bezel-free design				18.5			
Front Bezel Buttons	—		—				—			
Integrated Speakers	2x 10 W		2x 10 W				2x 10 W			
Integrated Sensors	Temperature		Temperature				Temperature			
NaViSet	●		●				●			
3rd Party Certifications	Barco ClickShare, Google CTS		Barco ClickShare, Crestron Connected				Barco ClickShare, Crestron Connected			

WD Series | Windows Collaboration Displays

	WD551
Order Code	60005140
Panel Technology	IPS / Direct LED
Screen Size [inch / cm]	55 / 138.78
Brightness w/o Glass [cd/m2]	450
Supported Orientation	Landscape
Operating Hours	16/7
Haze Level (%)	4 ~ 10
Hardness [H]	7
Bonding Technology	Optical Bonding
Touch Technology	PCAP
Touch Points	20
Input Method	Finger, Active Stylus
Packaged Pen	2x Active Stylus
Windows Ink	●
Connectivity	1x HDMI, 2x USB-C, 2x USB-A, 1x USB-B (Touch)
Power Consumption Eco (shipping) [W]	155
Dimensions (W x H x D) [mm]	1266 x 856.7 x 85.1
Weight [kg]	31.2
VESA Mounting [mm]	400 x 200
Bezel Width T-B / L-R [mm]	4.3 (L/R); 29.9 (T); 45.5 (B)
Front Bezel Buttons	Stand-by, Windows, Inputs, Volume, Mute
Integrated Speakers	2x 12 W (Subwoofer 15W)
Integrated Sensors	Ambient Light, Presence, Temperature, Humidity, Air Quality
3rd Party Certifications	●

Computing/Slot-In Options | Compatibility

			Computing Modules (Intel CPU)		Interface Boards		
Model	Android SoC	RPi CM4 SoC (MPi4 Kit)	OPS form factor	SDM form factor	SDM HDBaseT	SDM 12G SDI	USB Type C
Large Format Displays							
ME431 IR-2	-	●	-	●	●	●	●
ME501 IR-2	-	●	-	●	●	●	●
ME551 IR-2	-	●	-	●	●	●	●
ME432	●	-	-	-	-	-	●*
ME502	●	-	-	-	-	-	●*
ME552	●	-	-	-	-	-	●*
ME652	●	-	-	-	-	-	●*
M321 (PG-2)	-	-	-	-	-	-	-
M431 (PG-2, PCAP)	-	●	-	●	●	●	●
M491 (PG-2, PCAP)	-	●	-	●	●	●	●
M551 (PG-2, PCAP, IGB)	-	●	-	●	●	●	●
M651 (PG-2, PCAP, IGB)	-	●	-	●	●	●	●
M751 (IGB)	-	●	-	●	●	●	●
M861 (IGB)	-	●	-	●	●	●	●
M431-2	-	●	-	●	●	●	●
M501-2	-	●	-	●	●	●	●
M551-2	-	●	-	●	●	●	●
M651-2	-	●	-	●	●	●	●
M981	-	●	-	●	●	●	●
P435 (PG-2)	-	●	-	●	●	●	●
P495 (PG-2)	-	●	-	●	●	●	●
P555 (PG-2)	-	●	-	●	●	●	●
UN552 / UN552V	-	-	●	-	via adapter SB-12AM		-
UN552S / UN552VS	-	-	●	-	via adapter SB-12AM		-
PN-LC652	●	-	●	-	via adapter SB-12AM		●
PN-LC752	●	-	●	-	via adapter SB-12AM		●
PN-L652B	●	-	●	-	via adapter SB-12AM		●
PN-L752B	●	-	●	-	via adapter SB-12AM		●
PN-L862B	●	-	●	-	via adapter SB-12AM		●
PN-LA652	-	-	-	●	●	●	●
PN-LA752	-	-	-	●	●	●	●
PN-LA862	-	-	-	●	●	●	●
Projectors							
PX1004UL	-	-	●	-	-	-	-

* supported natively

Display Model	Built-in speakers	External Speaker	Soundbar	High-End-Speakers rear-mount	
		Order Code	100016015	100015517	100015612
		Compatibility	PN-ZCMS1	SP-RM3	SP-RM3a
E328	✓		-	-	-
E438	✓		-	-	-
E498	✓		-	-	-
E558	✓		-	-	-
E658	✓		-	-	-
E758	✓		●*	-	●
E868	✓		●*	-	●
E988	✓		●*	-	●
ME432	✓		●	-	●
ME502	✓		●	-	●
ME552	✓		●	-	●
ME652	✓		●*	-	●
M321 (PG-2)	✓		-*	-	-
M431 (PG-2, PCAP)	✓		-*	-	●
M491 (PG-2, PCAP)	✓		●	-	●
M551 (PG-2, PCAP, IGB)	✓		●	-	●
M651 (PG-2, PCAP, IGB)	✓		●	-	●
M751 (IGB)	✓		●*	●	-
M861 (IGB)	✓		●*	●	-
M981	✓		●*	●	-
P435 (PG-2)*	-		-*	●	-
P495 (PG-2)*	-		●*	●	-
P555 (PG-2)*	-		●*	●	-
UN552 / UN552V	-		-	●	-
UN552S / UN552VS	-		-	●	-
LM431	✓		●*	-	-
LM551	✓		●	-	-
PN-LC652	✓		●*	-	-
PN-LC752	✓		●	-	-
PN-LC862	✓		●	-	-
PN-L652B	✓		●	-	-
PN-L752B	✓		●	-	-
PN-L862B	✓		●	-	-
PN-LA652	✓		●	-	-
PN-LA752	✓		●	-	-
PN-LA862	✓		●	-	-

Display Model	Stands							
		Order Code	100015620	100015324	100012828	100013328	100013911	100014601	100015935
		Stands	ST-43M	ST-551	ST-65M	ST-801	ST-32E2	ST-55E	ST-32M
E328	Compatibility		-	-	-	-	●	-	-
E438			-	-	-	-	●	-	-
E498			-	-	-	-	●	-	-
E558			-	-	-	-	-	●	-
E658			-	-	-	-	-	●	-
E758			-	-	-	●	-	-	-
E868			-	-	-	●	-	-	-
E868			-	-	-	●	-	-	-
ME432			●	-	-	-	-	-	-
ME502			●	-	-	-	-	-	-
ME552			●	-	-	-	-	-	-
ME652			-	-	●	-	-	-	-
M321 (PG-2)			-	-	-	-	-	-	●
M431 (PG-2)			●	-	-	-	-	-	-
M491 (PG-2)			●	-	-	-	-	-	-
M551 (PG-2)			●	-	-	-	-	-	-
M651 (PG-2)			-	-	●	-	-	-	-
M751 (IGB)			-	-	-	●	-	-	-
M861 (IGB)			-	-	-	●	-	-	-
M431-2			●	-	-	-	-	-	-
M501-2			●	-	-	-	-	-	-
M551-2			●	-	-	-	-	-	-
M651-2			-	-	●	-	-	-	-
M981			-	-	-	●	-	-	-
P435 (PG-2)*			●	-	-	-	-	-	-
P495 (PG-2)*			●	-	-	-	-	-	-
P555 (PG-2)*			●	-	-	-	-	-	-
UN552 / UN552V			-	●	-	-	-	-	-
UN552S / UN552VS			-	●	-	-	-	-	-
LM431			●	-	-	-	-	-	-
LM551			●	-	-	-	-	-	-

* optional bracket available to mount PN-ZCMS1 on top of display; not available for modification models

- ● Perfect Compatibility
- ● Compatible - speakers might bulge from the back surface. It might also require an additional mounting bracket - Please refer to the respective Product Datasheet for more details
- - not Compatible

E Series | Commercial Enterprise

MultiSync® Model	E172M	E224F	E244F	E244FL
Order Code	60003582 (BK) 60003581 (WH)	60005828 (BK) 60005842 (WH)	60005829 (BK) 60005843 (WH)	60005866 (BK) 60005867 (WH
Panel Technology	TN / W-LED	VA TFT with W-LED backlight	VA TFT with W-LED backlight	VA TFT with W-LED backlight
Screen Size [inch / cm]	17 / 43	22 / 55	24 / 60	22 / 55
Aspect Ratio	5:4	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	5	6	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1920 x 1080 at 60 Hz	1920 x 1080 at 60 Hz	1920 x 1080 at 60 Hz
Connectivity	VGA, DP, HDMI	DP, HDMI, D-sub 15 pin	DP, HDMI, D-sub 15 pin	LAN, USB Type-C, DP, HDMI, USB3.1 (2 down, 1 up)
Power ON (factory setting) [W]	10	16	21	16
Power Saving Mode [W]	0.4	0.22	0.22	0.22
Internal Power Supply	●	●	●	●
Height Adjustable Stand [mm]	50	120	120	120
Other Ergonomics	tilt	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free	tilt, swivel, rotate, low blue light, flicker free
Bezel Width T - B / L - R [mm]	17.5 / 14.2	1*, 16 (top andbottom)	1*, 16 (top andbottom)	1*, 16 (top andbottom)
Dimensions with stand (W x H x D) [mm]	368 x 359-409 x 230	610.4 x 376.9 - 506.9 x 282.6	610.4 x 376.9 - 506.9 x 282.6	610.4 x 376.9 - 506.9 x 282.6
Weight with stand [kg]	4.2	8.2	8.2	8.2
NaViSet	●	-	-	-

EA Series | Commercial Enterprise

MultiSync® Model	EA242WU	EA241WU	EA241F	EA242F	EA271F	EA272F	EA272U	EA272Q
Order Code	60004855 (BK) 60005573(WH)	60004676 (BK), 60004677 (WH)	60004786 (BK) 60004787 (WH)	60005032 (BK) 60005246 (WH)	60004304 (BK) 60004634 (WH)	60005033 (BK) 60005247 (WH)	60006064 (BK) 60006081 (WH)	60005917 (BK) 60006080 (WH)
Panel Technology	IPS TFT with W-LED backlight	LED IPS TFT / W-LED	LED IPS TFT / W-LED	LED IPS TFT / W-LED	AH-IPS / W - LED	AH-IPS / W - LED	IPS TFT with W-LED backlight	IPS TFT with W-LED backlight
Screen Size [inch / cm]	24 / 61	24 / 61	24 / 61	24 / 61	27 / 69	27 / 69	27 / 68	27 / 68
Aspect Ratio	16:10	16:10	16:9	16:9	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	300	300	250	250	250	250	400	350
Contrast (typ.)	1000:1 (5000:1 dynamic contrast ratio)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1 (12000:1 dynamic contrast ratio)	1000:1 (7000:1 dynamic contrast ratio)
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	5	5	5	6	6	5	6
Colours [Mio.]	16.77	16.77	16.77	16.77	16.77	16.77	1064.64	16.78
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	2560 x 1440
Connectivity	DP, DP out, HDMI, USB Type C, USB 3.1 (2 down, 1 up)	DVI-D, DP, HDMI, VGA, USB. 3.1 (3 down, 1 up)	DVI-D, DP, HDMI, VGA, USB. 3.1 (3 down, 1 up)	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), D-Sub 15 pin	DVI-D, HDMI, USB 3.1 (3 down, 1 up), VGA	USB Type C, DP, DP out, HDMI, USB 3.1 (3 down, 2 up), VGA	DP, DP out, HDMI, USB Type C, USB 3.1 (3 down, 1 up)	DP, DP out, HDMI, USB Type C, USB 3.1 (2 down, 2 up)
Power ON (factory setting) [W]	21	20	15	19	17	19	31	27
Power Saving Mode [W]	0.3	0.3	0.31	0.3	0.5	0.3	0.33	0.33
Internal Power Supply	●	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150	150	150
Other Ergonomics	tilt, swivel, rotate		tilt, swivel, rotate, low blue light, flicker free			tilt, swivel, rotate, low blue light, flicker free		
Bezel Width T - B / L - R [mm]	0.8*	0.8*	0.8*	0.8*	1*	0.8*	1*	1*
Dimensions with stand (W x H x D) [mm]	531 x 365 x 250	532 x 365-515 x 250	538 x 337-487 x 250	538 x 337-487 x 250	610 x 377-527 x 250	610 x 377-527 x 250	612 x 378-528 x 250	612 x 378-528 x 250
Weight with stand [kg]	6.7	6.7	6.1	7	7.6	9.2	9.2	9.2
NaViSet	●	●	●	●	●	●	●	●

PE Series | Professional

	PE506UL
Ordercode	60005463
Projection Technology	3LCD
Aspect Ratio	16:10
Native Resolution	1920 x 1200 (WUXGA)
Brightness [Lumen]	5200
Contrast Ratio	3000000:1
Projection Factor	1.2 - 2 : 1
Projection Distance [m]	0.75 - 13
Screen Size (cm / inch)	min.: 76.2 / 30 max.: 762 / 300
Zoom / Focus	Manual
Connectivity	Mini D-sub 15 pin In/Out, 2x HDMI, LAN, USB Type A, USB Type B
Power [W AC] Hi-Bright / Normal / ECO / Power-Saving	335 / 177 / 2 / 0.5
Laser life	20000
Dimensions (W x H x D) [mm]	405 x 137 x 358
Weight [kg]	7.95
Speakers [W]	1 x 16 (mono)
Education Warranty Available	●
NaViSet	●

P Series | Professional

PV Series | Professional

	P547UL	P627UL	P601Q	P721Q	PV710UL	PV800UL
Order Code	60005761	60005762	60006066	60006067	60005575 (W) 60005845 (B)	60005578 (W) 60005601 (B)
Projection Technology	3LCD	3LCD	1-chip DLP™	1-chip DLP™	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:9	16:9	16:10	16:10
Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	3840 x 2160 (4K UHD)	3840 x 2160 (4K UHD)	1920 x 1200 (WUXGA)	
Brightness [Lumen]	5400	6200	6000	7200	7100	8000
Brightness in ECO Mode [approx. %]	60	60	60	60	90	90
Contrast Ratio	500000:1	600000:1	300000:1	300000:1	3000000:1	3000000:1
Lens [mm]	F= 1.5 - 2.1, f= 17.2 - 27.7	F= 1.5 - 2.1, f= 17.2 - 27.7	F= 2–2.4, f= 18.72–29.59	F= 2–2.4, f= 18.72–29.59	5 manual lens options; 5 motorized lens options	
Projection Factor (std. option)	1.3 - 2.2:1	1.3 - 2.2:1	1.25 - 2 : 1	1.25 - 2 : 1	depending on lens selection (std. option NP13ZL at 1.46-2.95:1)	
Projection Distance [m]	0.8 - 12.9	0.8 - 12.9	1.6 - 13.4	1.6 - 13.4	0.7 - 50.9	0.7 - 50.9
Screen Size (cm / inch)	min.: 76 / 30 max.: 762 / 300	min.: 76 / 30 max.: 762 / 300	min: 152 / 60 max: 762 / 300	min: 152 / 60 max: 762 / 300	min.: 101.6 / 40 max.: 1270 / 500	min.: 101.6 / 40 max.: 1270 / 500
Lens Adjustment	Manual	Manual	Motorized	Motorized	Motorized and manual (depending on lens)	
Connectivity	Mini D-sub 15 pin, HD-BaseT, 2x HDMI, LAN, Optional WLAN, USB Type B, 2x USB Type A		HDBaseT, 2x HDMI, D-Sub 9 pin, USB A, USB B (for Service), LAN		HD-BaseT, HDMI, LAN, USB Type A	
Power [W AC] Standard / ECO / Power-Saving	293 / 220 / 1.6 / 0.3	318 / 237 / 1.6 / 0.3	520 / 280 / 0.5	520 / 280 / 0.5	434 / 394 / 2.0 / 0.5	462 / 424 / 2.0 / 0.5
Laser life	20000	20000	20000	20000	20000	20000
Dimensions (W x H x D) [mm]	480 x 122 x 407	480 x 122 x 407	486 x 176 x 432.5	486 x 176 x 432.5	407 x 499 x 164	407 x 499 x 164
Weight [kg]	9.7	9.7	14.7	14.7	11.2	11.2
Speakers (mono) [W]	1 x 20	1 x 20	2 x 10	2 x 10	-	-
Education Warranty Available	●	●	●	●	●	●
NaViSet	●	●	●	●	●	●

PA Series | Professional Advanced

A Series | Advanced

	PA804UL	PA1004UL	PA1505UL	PA1705UL	A201U
Order Code	60005161 (BK) 60005035 (WH)	60005160 (BK) 60004512 (WH)	60005928 (BK) 60005971 (WH)	60005932 (BK) 60005972 (WH)	60006068 (BK)
Projection Technology	3LCD	3LCD	3LCD	3LCD	3LCD
Aspect Ratio	16:10	16:10	16:10	16:10	16:10
Native Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)
Brightness [Lumen]	8200	10000	14000	16000	20000
Brightness in ECO Mode [approx. %]	80	80	70 - 90	70 - 90	80
Contrast Ratio	3000000:1	3000000:1	3000000:1	3000000:1	3000000:1
Lens [mm]	optional	optional	optional	optional	optional
Lens: optional bayonet lenses	9	9	6	6	6
Projection Factor (std. option)	1.3-3.02:1 (NP41ZL)	1.3-3.02:1 (NP41ZL)	1.25-2.01:1 (NP54ZL)	1.25-2.01:1 (NP54ZL)	1.25-2.01:1 (NP54ZL)
Projection Distance [m]	0.7 - 50.9	0.7 - 50.9	0.68 – 80.77	0.68 – 80.77	0.68 – 80.77
Screen Size (cm / inch)	1270 / 500	1270 / 500	1270 / 500	1270 / 500	min: 152 / 60, max:1270 / 500
Lens Adjustment	Manual / Motorised	Manual / Motorised	Motorized	Motorized	Motorized
Connectivity	HDMI: 2 In, DP, D-Sub 15-pin, LAN, USB A, HDBaseT In/ Out, Audio: 1 In, 1 Out, 3D Sync, Remote In		HDMI 2 In, 3G-SDI, HDBaseT In/Out, LAN, USB Type A, Audio: 2 HDMI In, 1 HDBaseT In, 1 3.5mm Mini Jack Out		3G-SDI, HDBaseT: 1x In, 1X Out, 2x HDMI, USB Type A; Audio: HDBaseT in, 2x HDMI in, 1x 3.5mm Mini Jack Out
Power [W AC] Standard / ECO / Power-Saving	615 / 350 / 0.28	725 / 395 / 0.28	925 / 825 / 0.5	995 / 825 / 0.5	1530 / 1400 / 0.5
Laser life	20000	20000	20000	20000	25000
Dimensions (W x H x D) [mm]	599 x 208 x 490	599 x 208 x 490	599 x 238 x 490	599 x 238 x 490	650 x 262 x 549
Weight [kg]	24.1	24.4	28.7	28.7	38.7
Education Warranty Available	●	●	●	●	●
NaViSet	●	●	●	●	●
ProAssist	●	●	●	●	●

PX Series | Professional Extreme

X Series | Extreme

	PX1004UL	X141Q	X171Q
Order Code	60004235 (BK) 60004077 (WH)	60006069 (BK) 60006145 (WH)	60006070 (BK) 60006146 (WH)
Projection Technology	1-chip DLP™	1-chip DLP™	1-chip DLP™
Aspect Ratio	16:10	16:10	16:10
Native Resolution	1920 x 1200 (WUXGA)	3840 x 2400 (4K+)	3840 x 2400 (4K+)
Brightness [Lumen]	10000	13500	16500
Brightness in ECO Mode [approx. %]	80	80	80
Contrast Ratio (DB™ = with DynamicBlack™)	10000:1	3000000:1	3000000:1
Lens: optional bayonet lenses (LM = with lens memory)	8 (6 with LM)	6	6
Projection Factor (std. option)	depending on lens selection	depending on lens selection	depending on lens selection
Projection Distance [m]	0.86 - 118	0.86 – 43.2	0.86 – 43.2
Screen Size (cm / inch)	Min: 100 / 40 Max: 1270 / 500	Min.: 100 / 40 Max.: 1270 / 500	Min.: 100 / 40 Max.: 1270 / 500
Lens Adjustment	Motorised	Motorised	Motorised
Connectivity	HD-BaseT, HDMI In/Out, DP, RGB In, 5BNC (incl. Video / S-Video), LAN, optional WLAN, USB A, PC Control, 3D Sync Out, Remote In, OPS slot	12G-SDI: 1x in, 1x out, HDMI: 2x in, 1x out, HDBaseT, 2x DP, D-Sub 9 pin, Screen trigger, USB Type A	12G-SDI: 1x in, 1x out, HDMI: 2x in, 1x out, HDBaseT, 2x DP, D-Sub 9 pin, Screen trigger, USB Type A
Power [W AC] Standard / ECO	1165 / 605	1000 / 900 / 0.5	1000 / 900 / 0.5
Laser life	20000	20000	20000
Dimensions (W x H x D) [mm]	500 x 211 x 577	500 x 211 x 577	500 x 211 x 577
Weight [kg]	28	28	28
Education Warranty Available	-	●	●
NaViSet	●	●	●
ProAssist	●	-	-

Digital Cinema Projectors

	NC1000C	NC603L	NC1202L	NC1402L	NC1503L
Order Code	60004093	60005938	60005042	60005041	60005937
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Screen Sizes (m)	up to 10.6	up to 11	up to 12	up to 14	up to 17
Light Source	400 W x 2 NSH Lamps	Laser Phosphor	Laser Phosphor	Laser Phosphor	RB Laser
Contrast Ratio (full on/off)	> 1600:1	> 1650:1	> 1600:1	> 1600:1	> 1600:1
DMD Specifications	2K, 0.69" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K	2K, 0.69" DC2K
Primary Lenses	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2-1.72:1 zoom; 1.33-2.1:1 zoom; 1.62-2.7:1 zoom; 2.09-3.9:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2 to 1.72:1 zoom; 1.33 to 2.1:1 zoom; 1.62 to 2.7:1 zoom; 2.09 to 3.9:1 zoom; 4.07 to 6.34:1 zoom	1.2-1.72:1 zoom; 1.33-2.1:1 zoom; 1.62-2.7:1 zoom; 2.09-3.9:1 zoom
Dimension (W x H x D) [mm]	621 x 314 x 798	680 x 333 x 860	700 x 288 x 812	700 x 288 x 812	700 x 288 x 812
Cooling Method	No Air Duct	Circulating air cooling system	Liquid: Air and liquid cooling inside	Liquid: Air and liquid cooling inside	Liquid: Air and liquid cooling inside

	NC1803ML	NC2003ML	NC2403ML	NC1843ML	NC2043ML
Order Code	40001312	40001313	40001314	40001394	40001393
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Screen Sizes (m)	up to 19	up to 20	up to 22	up to 19	up to 20
Light Source	Laser Phosphor	RB Laser	RB Laser	Laser Phosphor	RB Laser
Contrast Ratio (full on/off)	> 2000:1	> 2000:1	> 2000:1	> 2000:1	> 2000:1
DMD Specifications	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" DC2K	Chip: 0.98" TRP 4K DLP	Chip: 0.98" TRP 4K DLP
Primary Lenses	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.2 to 1.81:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53: 1 zoom; 1.9 to 3.25: 1 zoom; 2.4 to 3.9: 1 zoom; 3.9 to 6.52: 1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom
Dimension (W x H x D) [mm]	697 x 510 x 1337	697 x 510 x 1337	697 x 510 x 1337	697 x 509.5 x 1095	697 x 509.5 x 1095
Cooling Method	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside	Circulating air cooling system; Liquid Cooling inside

	NC2443ML	NC2041L	NC3541L
Order Code	40001392	60004090	60004089
DMD	DC Chip DLP Technology	DC Chip DLP Technology	DC Chip DLP Technology
Screen Sizes (m)	up to 22	up to 20	up to 32
Light Source	RB Laser	RB Laser	RB Laser
Contrast Ratio (full on/off)	> 2000:1	> 2000:1	> 2000:1
DMD Specifications	Chip: 0.98" TRP 4K DLP	4K, 1.38" DC4K	4K, 1.38" DC4K
Primary Lenses	1.59 to 2.53:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom; 1.9 to 3.25: 1 zoom; 1.4 to 2.05:1 zoom; 1.2 to 1.81:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.3 to 1.85:1 zoom; 1.45 to 2.17:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom
Dimension (W x H x D) [mm]	697 x 510 x 1,095	697 x 455 x 1180	697 x 455 x 1180
Cooling Method	Circulating air cooling system; Liquid Cooling inside	Liquid Cooling inside	Liquid Cooling inside, air cooling with dust-preventing electrostatic filter

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