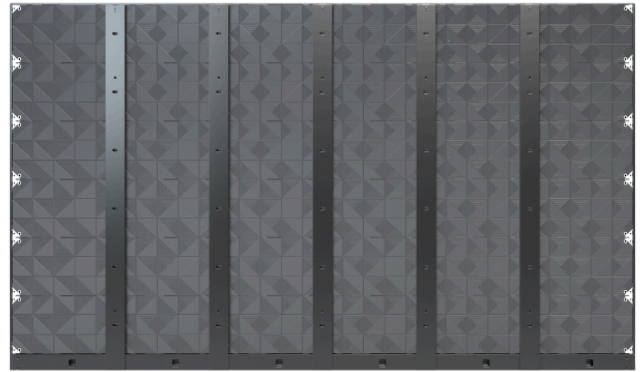


Indoor LED 1.9 mm 165" FullHD Bundle

NEC LED-FE019i3-165



Essential bundles of brilliance

For bezel-free viewing experiences using vivid LED technology, NEC's FE Series delivers essential visualization for scalable large digital surfaces. Even for cost-conscious deployments for presentation and signage, NEC's FE Series provides long lasting NEC quality with industrial-grade power supplies in easy to install, off the shelf bundle solutions for safe operation with minimised downtimes.

Native FHD and UHD resolutions are achieved through configuration of multiple 16:9 cabinets which are bundled with a power bar, framing, mounting and controller.

Either free standing or for seamless integration into interiors, the slim design is sleek and chic as befits the latest innovation in digital content delivery. Benefit from excellent viewing angles, consistent vibrant colours, superb brightness and long lasting performance for meeting rooms and signage applications.

Benefits

Significantly lowering your energy usage – the highly efficient Flipchip SMD technology consumes up to 60% less power compared to standard SMD technology at the same brightness output.

Care-free installation – with bundled solutions that deliver all you need to get your LED video wall up and running.

Large scale for perfectly detailed imagery – completely bezel-less design with high contrast rates deliver an unhindered viewing experience.

Slim design – with a flush rear profile, LED modules can be integrated very close to the wall with minimal gap necessary due to very low heat emission.

Front serviceable modules – with front access to the LED modules, maintenance is easy.

Specifications

Product Information

Product Name

NEC LED-FE019i3-165

Product Group

Indoor LED 1.9 mm 165" FullHD Bundle

Order Code

L50FE019i3-165

Display

Pixel Configuration

3-in-1 SMD (Black)

LED type

FlipChip SMD (1010)

Screen Size [inch/cm]

165 / 419

Pixel Pitch [mm]

1.9

Brightness (max.) [cd/m²]

700

Lifetime

100000 hrs (50% brightness)

Contrast Ratio (typ.)

8000:1

Viewing Angle [°]

170 horizontal / 160 vertical

Dimming Capability

256 levels

Colour Processing

16 bit

Colours [Trill.]

281

LED Driving Method

1/45 dynamic scan

Frame Rate [Hz]

50/60

Refresh Rate [Hz]

≤ 3840

Colour Temperature [K]

3000 - 9500

Screen Resolution

Resolution

1920 x 1080

Resolution per m²

277008

Number of Pixel per module [dot]

320 x 180

Number of Pixel per card [dot]

80 x 90

Connectivity

Input Video Digital

1 x 3G SDI; 1 x DVI-D; 1 x HDMI

Input Control

1 x GenLock; 1 x LAN

Electrical

Total Power Consumption [W]

792 typ. / 1368 max.

Power Consumption typ. [W]

106 per m² (normal use)

Power Consumption max. [W]

183 per m²

Power Consumption typ. [BTU]

361 per m² (normal use)

Power Consumption max. [BTU]

624 per m²

Environmental Conditions

Operating Temperature [°C]

-20 to 40

Operating Humidity [%]

10 to 80

Mechanical

Dimensions (W x H x D) [mm] per module

608 x 342 x 49

Dimensions (W x H x D) [mm]

3,660 x 2,159.5 x 73.5

Weight [kg]

390.8

Additional Features

Shipping Content

1x LED Controller; LED Modules (36 Cabinets, 288 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Powerbar (depending on version); Spare Parts Kit; Wall mount (6x6)

Special Characteristics

Cableless Connector for Data and Power; Flush Surface SMD Design; Single Data Receiving Cards; Single Power Supplies

Manufacturer

NEC

Serviceability

Front Service

IP Level

IP20

Certifications

CE; EMC Class B; ETL; FCC; RCM; RoHS; UKCA; VCCI

Warranty

3 years

Material

Aluminum Cabinet

* 165 inch



RCM



CE



FCC



RoHS



VCCI

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