

LED-FE019i2-165

Indoor LED 1.9 mm 165" FullHD Bundle

## Datasheet



### 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 HD, 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

**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.

**Visual excellence** - high contrast and high brightness is inherent in LED delivery, benefit from NEC's long lasting quality.

## Product Information

Product Name	LED-FE019i2-165
Product Group	Indoor LED 1.9 mm 165" FullHD Bundle
Order Code	81000029

## Display

Pixel Configuration	3-in-1 SMD (Black)
LED type	SMD (1010)
Screen Size [inch/cm]	165 / 419
Aspect Ratio	16:9
Pixel Pitch [mm]	1.9
Brightness (max.) [cd/m <sup>2</sup> ]	700
Lifetime	100000 hrs (50% brightness)
Contrast Ratio (typ.)	4000:1
Viewing Angle [°]	160 horizontal / 160 vertical
Dimming Capability	256 levels
Colour Processing	16 bit
Colours	281 trillion
LED Driving Method	1/30 dynamic scan
Frame Rate [Hz]	50/60
Refresh Rate [Hz]	≤ 3840
Colour Temperature [K]	3000 - 9500

## Screen Resolution

Resolution	1920 x 1080
Resolution per m <sup>2</sup>	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]	1620 typ. / 4320 max.
Power Consumption typ. [W]	225 per m <sup>2</sup> (normal use)
Power Consumption max. [W]	600 per m <sup>2</sup>

## 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
Net Dimensions (W x H x D) [mm]	3,648 x 2,153.5 x 82

Weight [kg] 390

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### **Additional Features**

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Shipping Content	1x LED Controller; LED Modules (36 Cabinets, 288 Pixel Cards); Overframe Kit (6x6); Pixel Card Removal Tool; Power Bar; Spare Parts Kit; Wall mount (6x6)
Special Characteristics	Cableless Connector for Data and Power; Flush Surface SMD Design; Humidity-proof SMD Design; Single Data Receiving Cards; Single Power Supplies
Manufacturer	NEC
Serviceability	Front Service
IP Level	IP20
Certifications	CCC; CE; ETL; FCC Class A; RoHS
Warranty	2 years

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