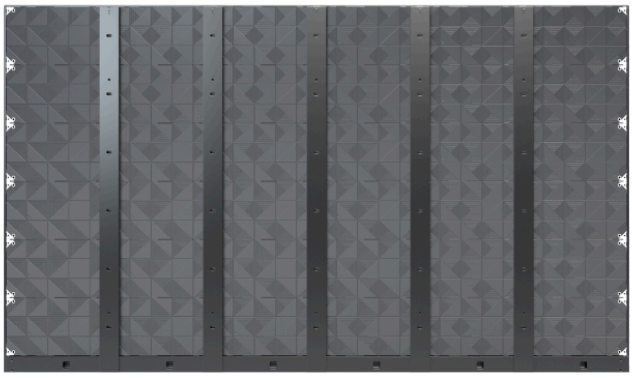
Indoor LED 1.9 mm 165" FullHD Bundle

# 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.



SHARP

# 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

**Contrast Ratio (typ.)**
8000:1

**Viewing Angle [°]**
170 horizontal / 160 vertical

**Brightness (max.) [cd/m²]**
700

**Dimming Capability**
256 levels

**Lifetime**
100000 hrs (50% brightness)

**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

**Number of Pixel per m²**
277008

**Resolution of Pixel per module [dot]**
320 x 180

**Resolution of Pixel Card [px]**
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

## Regulatory

**Safety and Ergonomics**
CE; EMC Class B; ETL; FCC; RCM; RoHS; UKCA; VCCI

## 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

**Warranty**
3 years

**Material**
Aluminum Cabinet

* 165 inch

RCM CE FCC RoHS VCCI

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