

PI-CF185 / PI-NF185

Premio 18.5" Industrial Panel Mountable Open Frame Display / Close Frame Monitor

Premio PI-NF/PI-CF series are a family of wide operating temperature industrial panel mountable open frame display and close frame display with sizes ranging from 7" to 24", come with or without touch screen integrated. Premio also offers service options of high brightness, optical bonding for harsh/outdoor environment applications, and enclosure customization for the PI-NF & PI-CF series.

FEATURES

- 18.5" Open Frame / Close Frame display
- 1366 x 768 or 1920 x 1080 resolution
- Wide operating temperature support
- Non-touch or 10 points Projected Capacitive multi-touch options
- VGA, DVI and HDMI signal interface
- USB touch interface
- Support panel mount and VESA mount
- Optional optical bonding service
- Enclosure/mounting customization options available



SPECIFICATIONS

Display

Screen Size	18.5"	18.5"
Resolution	1366 x 768 HD	1920 x 1080 FHD
Display Active area	409.8 mm x 230.4 mm	408.96 mm x 230.04 mm
Colors	16.7M	16.7M
Backlight Unit	LED	LED
Brightness	300 cd/m2	350 cd/m2
Contrast Ratio	1000:1	1000:1
Response Time	5 ms	5 ms
Viewing Angle	170/160	178/178
Signal Interface	1 x VGA, 1 x DVI, 1 x HDMI	1 x VGA, 1 x DVI, 1 x HDMI
OSD	Key 1: Power On/Off Key 2: Source VGA/DVI/HDMI Key 3: Up Key 4: Down Key 5: Menu	Key 1: Power On/Off Key 2: Source VGA/DVI/HDMI Key 3: Up Key 4: Down Key 5: Menu

Mechanical

Enclosure	Front bezel: powder coated black Back Cover: metal silver RoHS compliant metal enclosure	Front bezel: powder coated black Back Cover: metal silver RoHS compliant metal enclosure
Dimension	468.4 mm x 275.4 mm x 44.56 mm (with bezel) 465 mm x 272 mm x 41.36 mm (open frame)	468.4 mm x 275.4 mm x 44.56 mm (with bezel) 465 mm x 272 mm x 41.36 mm (open frame)
Mounting	Panel mount (brackets included) VESA 75 x 75 mm, 100 x 100 mm	Panel mount (brackets included) VESA 75 x 75 mm, 100 x 100 mm

Touch

Touch options	non-touch, with glass surface (for close frame monitor) Projected Capacitive Multi-touch (PCAP)	non-touch, with glass surface (for close frame monitor) Projected Capacitive Multi-touch (PCAP)
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Environment

Operating Environment	Temperature: 0 °C ~ 50 °C Humidity 20% RH ~ 80% RH (Non Condensing)	Temperature: -20 °C ~ 60 °C Humidity 20% RH ~ 80% RH (Non Condensing)
Storage Environment	Temperature: -20 °C ~ 60 °C Humidity 10% RH ~ 90% RH (Non Condensing)	Temperature: -20 °C ~ 70 °C Humidity 10% RH ~ 90% RH (Non Condensing)

Warranty

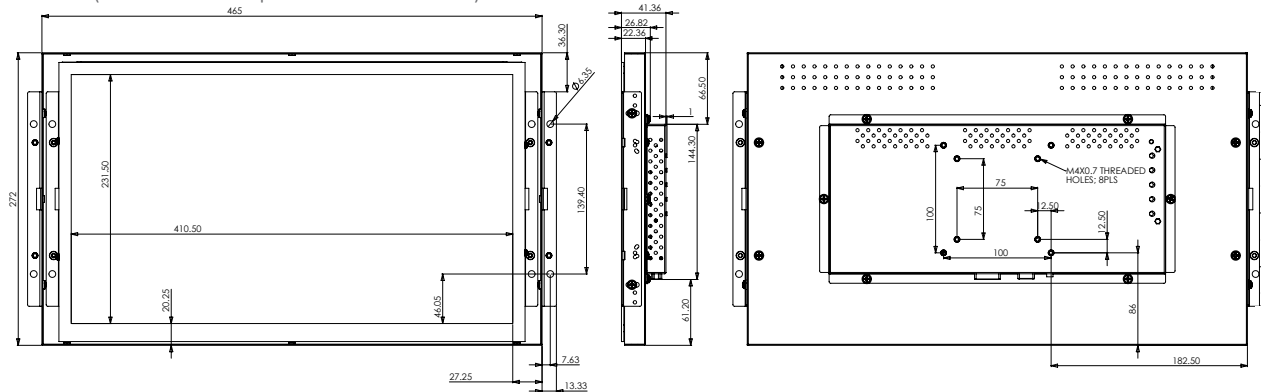
Warranty	3 year warranty w/ 1 st year Advanced replacement	3 year warranty w/ 1 st year Advanced replacement
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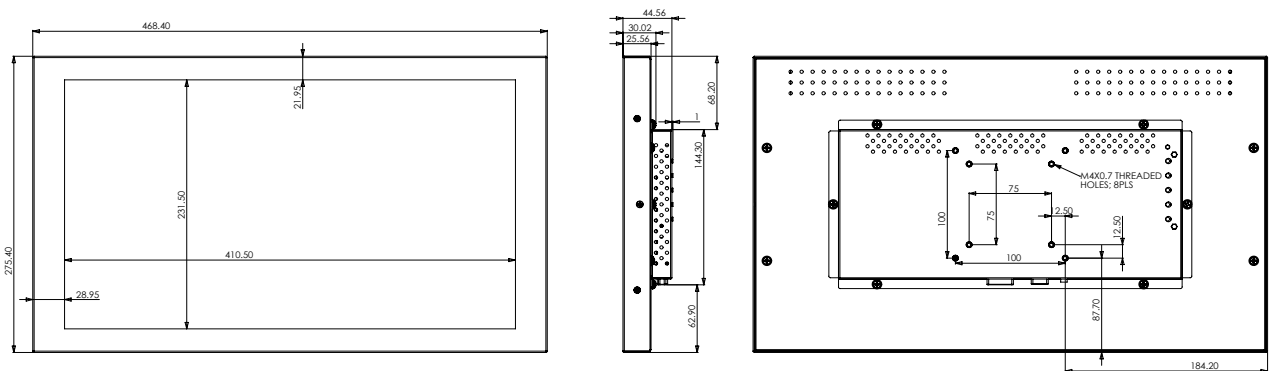
DIMENSIONS

Unit: mm

PI-NF185 (with removable panel mount brackets)



PI-CF185



AVAILABLE MODELS

MODEL NO.	DESCRIPTION
PI-NF185N30HD01	18.5" 1366x768, 300nits, 0 °C ~ 50 °C, 50K, Industrial Open Frame Display, non-touch, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-NF185P30HD01	18.5" 1366x768, 300nits, 0 °C ~ 50 °C, 50K, Industrial Open Frame Display with Projected Capacitive touchscreen, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-NF185N35FH01	18.5" 1920x1080, 350nits, -20 °C ~ 60 °C, 50K, Industrial Open Frame Display, non-touch, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-NF185P35FH01	18.5" 1920x1080, 350nits, -20 °C ~ 60 °C, 50K, Industrial Open Frame Display with Projected Capacitive touchscreen, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-CF185N30HD01	18.5" 1366x768, 300nits, 0 °C ~ 50 °C, 50K, Industrial Monitor, non-touch, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-CF185P30HD01	18.5" 1366x768, 300nits, 0 °C ~ 50 °C, 50K, Industrial Monitor with Projected Capacitive touchscreen, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-CF185N35FH01	18.5" 1920x1080, 350nits, -20 °C ~ 60 °C, 50K, Industrial Monitor, non-touch, panel mountable, 3 year warranty, 1st year advanced replacement service
PI-CF185P35FH01	18.5" 1920x1080, 350nits, -20 °C ~ 60 °C, 50K, Industrial Monitor with Projected Capacitive touchscreen, panel mountable, 3 year warranty, 1st year advanced replacement service

PACKING LIST

- 1 x 18.5" Open Frame / Close Frame Display
- 1 x 12V, 60W Power Adapter
- 1 x Power Cord
- 1 x USB Cable (touch interface)
- 2 x Panel Mount Brackets