

# 12" Industrial Flat Panel Display - FP6600TMD



**Features:**

- XGA Display TFT Touch Panel
- 16 Million colors
- Multi-touch gesture operation
- Automatic brightness adjustment sensor
- Supports Win10IoT Ent 2019 LTSC & Win10 (build 1809 or later)
- Automatic resolution adjustment
- Class 1 Div 2
- Flexible - Panel or VESA mounting, in Landscape or Portrait mode

**Performance Specifications**

Model	PFXFP6600TMD
Display Type	12.4" TFT Color LCD
Touch Panel	Resistive (analog) multi-touch (two-point touch)
Display Colors	16 Million Colors
Display Area	245.76 x 184.32 mm (9.68 x 7.26 in)
Graphics Display Resolution	1,024 x 768 pixels (XGA)
Backlight	White LED (Not user replaceable. When replacement is required, contact your local distributor.)
Backlight service life	50,000 hours or more (continuous operation at 25°C [77° F] before backlight brightness decreases to 50%)
Video interface	DVI (Digital signal) 5M, Connector: DVI-D 24 pin (socket) x 1
USB (Type A) <sup>**1</sup>	USB 2.0 (Type A) x 1
USB (Type B)	USB 2.0 (Type B) x 1

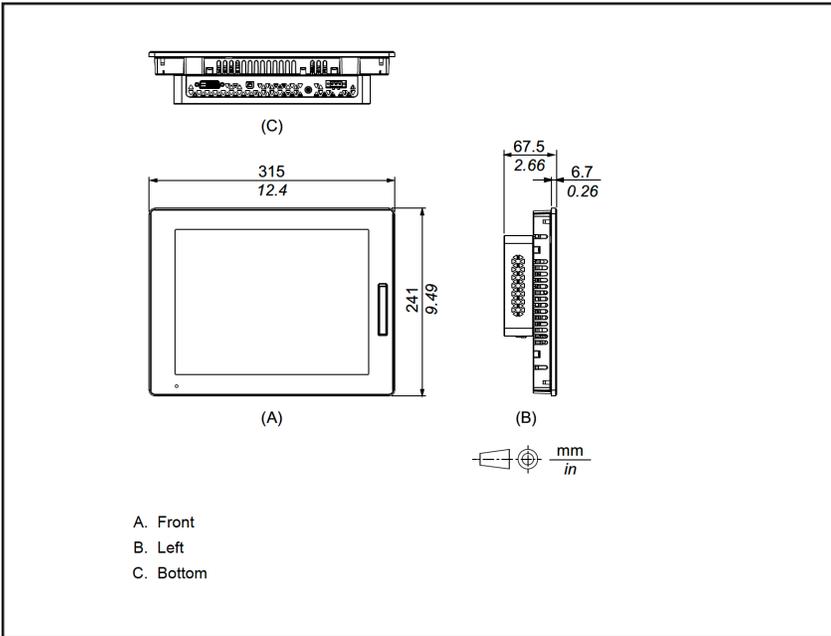
<sup>\*\*1</sup> Only FP-6•00TM

**General Specifications**

Model	PFXFP6600TMD
Rated Input Voltage	24Vdc
Power Consumption	17.6W or less (Backlight ON: 100% (Power is supplied to external devices)), 9.4W or less (When screen turns off the backlight (standby model))
Voltage Drop	10 ms or less
Voltage Endurance	1,000 Vac for 1 minute (between charging and FG terminals)
Insulation Resistance	500 Vdc, 10 MΩ or more (between charging and FG terminals)
Certifications	UL 61010-2-201 and CSA C22.2 N°61010-2-201, CE, KC, RCM, RoHS, Haz Loc Class 1, Div2 <sup>**2</sup> , ATEX/IECEx Zone 2/22*1, DNV-GL
Storage temperature	-4 to 140°F (-20 to 60°C)
Surrounding air and storage humidity	10% to 90% RH (non-condensing, wet bulb temperature 39 °F, [102.2 °F or less])
Dust	0.1mg/m <sup>3</sup> (10 <sup>-7</sup> oz/ft <sup>3</sup> ) or less (non-conductive levels)
Noise Immunity	Noise voltage: 1,000 Vp-p, Pulse duration: 1 μs, Rise time: 1 ns, (via noise simulator)
Grounding	Functional grounding: Grounding resistance of 100Ω, 2 mm <sup>2</sup> (AWG 14) or thicker wire, or your country's applicable standard (same for FG and SG terminals).
Electrostatic Discharge Immunity	Contact discharge method: 6 kV (IEC/EN 61000-4-2 Level 3)
Vibration Resistance	IEC/EN 61131-2 compliant, 5 to 9 Hz single amplitude 3.5 mm (0.14 in), 9 to 150 Hz fixed acceleration: 9.8 m/s <sup>2</sup> , X, Y, Z directions for 10 cycles (approx. 100 min.)
Weight	3.6 kg (8.0 lb) or less
External Dimensions	315 x 241 x 67.5 mm (12.4 x 9.49 x 2.66 in)
Panel Cut-Out Dimensions	301.5 x 227.5 mm (11.87 x 8.96 in) Panel thickness area: 1.6 to 5 mm (0.06 to 0.2 in)
Warranty	Two (2) year

<sup>\*\*2</sup> Some products are not yet rated as suitable for use in hazardous locations. Always use your product in conformance with the product labeling and this manual.

**FP6600TMD - External Dimensions**



**Ordering Information**

Part Number	Description
PFXFP6600TMD	12.4" TFT Color LCD, 24 Vdc

**Accessories or Replacement Components**

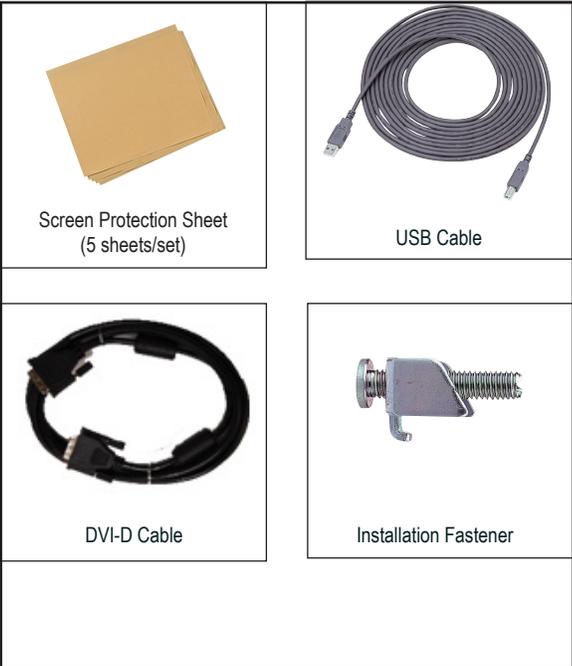
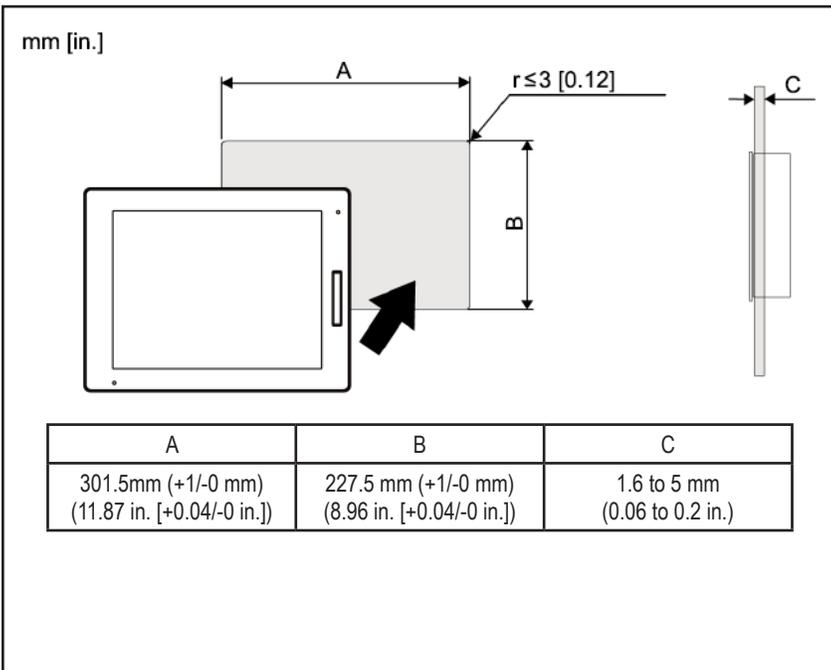
Product Name	Part Number
USB Cable	5m FP-US00
DVI-D Cable	5m FP-DV01-50
12-inch Installation Gasket	PFXZCDWG121
12-inch Anti-Glare Sheet	PFXZCAG6W1
12-inch Screen Protection Sheet (5 sheets/set)	CA7-DFS12-01
Installation Fastener	PFXZCAF1
Panel Cutout Adapter <sup>3</sup>	PFXZPAT6W1

**Caution:** Before operating any of these products, please be sure to read all related manuals thoroughly.

- All product names used in this document are trademarks or registered trademarks of their respective companies.
- All information contained in this document is subject to change without notice.

<sup>3</sup>The range for the allowable panel thickness varies depending on the panel cut adapter. For information, refer to the panel cut adapter instruction manual.

**FP6600TMD - Cut-Out Dimensions**



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