

FPM-715 FPM-717 FPM-719

15" XGA/17" SXGA/19" SXGA Industrial Monitors with Resistive Touch Control, Direct HDMI, DP, and VGA Ports



Introduction

In IIoT and Industry 4.0, more and more customers need data to be visualized to help process management and decision making. The FPM-700 series comprises 15", 17" and 19" industrial-grade monitors with sleek, simple lines and a true-flat touchscreen. Equipped with durable 5-wire resistive touchscreen and an IP66-rated front bezel, FPM-700 series is specifically designed for industrial applications. Moreover, FPM-700 series support a wide operating temperature range (-20 ~ 60 °C/-4 ~ 140 °F) and various mount options to make these monitors ideal for factory and machine automation display applications.

Specifications

General

- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Dimensions (W x H x D)**
 - FPM-715: 383.2 x 307.3 x 50 mm (15.08 x 12 x 1.96 in)
 - FPM-717: 410.4 x 343.4 x 51 mm (16.15 x 13.5 x 2 in)
 - FPM-719: 454 x 379.8 x 48.5 mm (17.87 x 14.9 x 1.9 in)
- **Enclosure** Front panel: Die cast magnesium alloy
Rear cover: Die-casting aluminum
- **Mount Options** Stand, Wall, Panel and VESA arm (75 x 75mm)
- **Power Input** Terminal Block: 24 V_{DC} input
- **Video Port** HDMI, DP, and VGA
- **USB** Rear I/O USB 2.0 type A
- **Weight (Net)** 4.6 kg / 5.4 kg / 6.2 kg

Power Consumption

- **FPM-715-R9AE** 1.03 (Standby), 9.88 (Max)
- **FPM-717-R9AE** 1.05 (Standby), 14.55 (Max)
- **FPM-719-R9AE** 1.04 (Standby), 15.44 (Max)

LCD Display

- **Display Type** XGA/SXGA/SXGA TFT LCD
- **Display Size** 15"/17"/19"
- **Max. Resolution** 1024 x 768/1280 x 1024/1280 x 1024
- **Max. Color** 16.2M/16.7M/16.7M
- **Viewing Angle (H/V °)** 176/176, 170/160, 170/160
- **Luminance (cd/m²)** 300/350/350
- **Backlight Life** 70,000/50,000/70,000 hr
- **Contrast Ratio** 2000:1/1000:1/1000:1

Features

- 17" SXGA TFT LED LCD with 50,000 backlight lifetime
- 15" XGA/19" SXGA TFT LED LCD with 70,000 backlight lifetime
- Direct HDMI, DP and VGA input interfaces
- Anti-glare screen with tempered glass
- Robust system with Die-casting aluminum chassis and IP66-rated aluminum alloy front bezel
- Lockable I/O connectors
- Slim design enables easy installation
- OSD control buttons with 2 user-defined contrast/brightness controls
- Combo RS-232 & USB interface for touchscreen functionality
- Supports various mount options: panel, wall, desktop, rack or VESA arm mounting

Touchscreen

- **Type** 5-wire analog resistive
- **Interface** USB/RS232
- **Light Transmission** Above 75%
- **OS Support** Windows XP, Vista, 7, 8, 10, 11, XPe and Linux
- **Surface Hardness** 3H/3H/4H

Environment

- **Operating Temperature** -20 ~ 60 °C (-4 ~ 140 °F)
- **Storage Temperature** -30 ~ 70 °C (-22 ~ 158 °F)
- **Relative Humidity** Operating, 95% RH @ 40 °C, Non-Condensing
Non-Operating, Operating, 95% RH @ 60 °C, Non-Condensing
- **IP Rating** IP-66 graded front panel
- **Vibration** 5 ~ 500 Hz, 1 Grms (Operating, Random)

Ordering Information

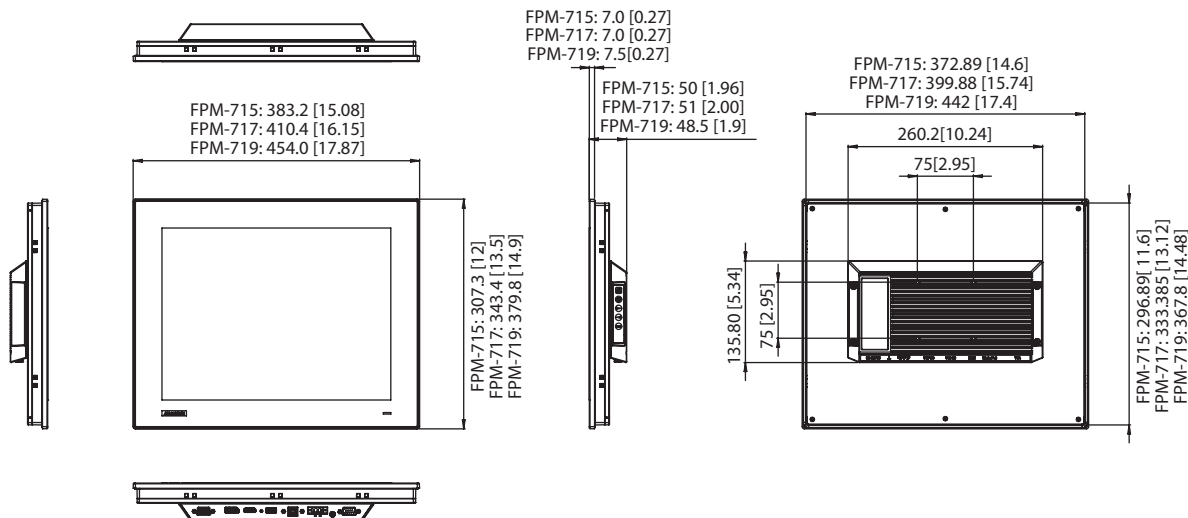
- **FPM-715-R9AE** 15" XGA Ind. Monitor,w/Resistive TS (24 V_{DC})
- **FPM-717-R9AE** 17" SXGA Ind. Monitor,w/Resistive TS (24 V_{DC})
- **FPM-719-R9AE** 19" SXGA Ind. Monitor,w/Resistive TS (24 V_{DC})

Optional Accessories

- **1702002600** Power Cable US Plug 1.8 M
- **1702002605** Power Cable EU Plug 1.8 M
- **1702031801** Power Cable UK Plug 1.8 M
- **1700000596-11** Power Cable China/Australia Plug 1.8 M
- **PWR-247-DE** Adapter 100-240V 60W 24V 2.5A
- **FPM-1000T-SMKE** Desktop/Wall Mounting kit for FPM series
- **FPM-715-RMKE** FPM-715 Rack-Mount Kit
- **FPM-717-RMKE** FPM-717 Rack-Mount Kit
- **FPM-719-RMKE** FPM-719 Rack-Mount Kit
- **FPM-7000G-ADKE** Mounting bracket of adapter for FPM-7000 (Note: Only 17" and 19" supported)

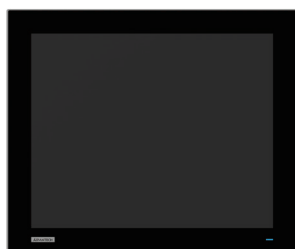
Dimensions

Unit: mm [inch]



Panel Cutout Dimensions: FPM-715: 374.5 x 298.5 mm (14.74 x 11.75 in)
FPM-717: 401.3 x 334.8 mm (15.8 x 13.18 in)
FPM-719: 443.5 x 369.3 mm (17.46 x 14.53 in)

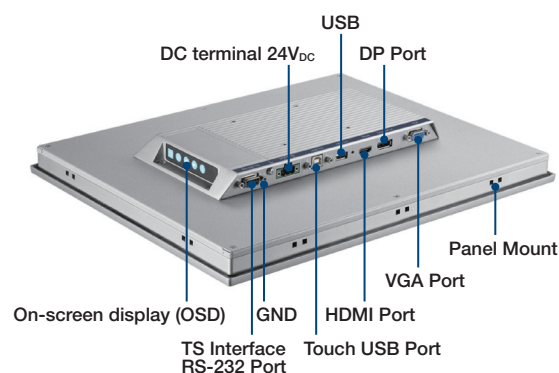
Front View



Rear View



Side View



Packing List

Item	Part No.	Description	Qty	Note
Terminal Block	1652007930-01	Plug-In Block 1x3P/5.08mm/PA66/F/VA/Sn/GR/H15.0	1	
Clamper	1962055040	CLAMPER PPC-55 M1632611 A2	10	19": 12pcs
Clamper screw	1935042520	Screw M4x25L R/S D=8.3 H=2.5 (2+) ST BZn	8	
GND cable	1703011001-11	A Cable G-TEM 4.3 100CM C=GR/Y	1	
USB touch Cable	1700017851-01	M Cable USB-A 4P(M)/USB-B 4P(M) 169CM (BK)	1	
VGA Cable	1700021332-11	M CABLE D-SUB 15P(M)/D-SUB 15P(M) 180CM VESA B1	1	
HDMI and DP lockable kit	1920002225-01	Nut M3 D=6.5 H=2.5 ST lockable for UNO-2271G	4	
HDMI and DP lockable kit	1930007462-01	Screw M3*55.2L - H=6.8 lockable for UNO-2271G	1	
HDMI and DP lockable kit	1990028810S000	Lock stopper (FWI-8CM-N2B)for UNO-2271G	2	

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Advantech:](#)

[FPM-715-R9AE](#)