SRP-FPV240-04
SRP-FPV240-05
SRP-FPV240-06

12.1"/15"/17" TFT LED LCD Industrial Touch Panel ACP Ready ThinClient



Features

- Verified with ACP ThinManager, ACP BIOS enabled
- Industrial 12.1"/15"/17" TFT LCD with 50K lifetime LED backlight
- Intel® Atom™ E3827 1.75 GHz dual-core processor with 4GB DDR3L SDRAM
- Wide operating temperatures -20~60°C
- True-flat with IP66 certified front panel protection
- Front LED Indicator to show operating status
- Durable 5-wire resistive touch screen
- Compact fanless design with Al alloy front bezel, chassis grounding protection

Introduction

Realize the true value of thin client and centralized management technologies with Advantech's ThinManager compatible industrial thin clients. ACP's ThinManager, the leading thinclient solution for the factory floor, and Advantech's industrially hardened thin client hardware provide a unique solution for centralized management of factory floor applications. SRP-FPV240-04/05/06 is the perfect ThinManager 12"/15"/17" industrial panel thin client for applications where flexibility and reliability of touch panel and true-flat IP66 front protection are desired. The SRP-FPV240-04/05/06 also supports various installation options such as wall/stand/VESA/panel mounting.

Specifications

General

- **Certification** BSMI, CCC, CE, FCC Class A, UL
- **Cooling System** Fanless design
- **Dimensions (W x H x D)** 12": 311.80 x 238 x 57.2 mm (12.28" x 9.37" x 2.25")
  15": 383.20 x 307.30 x 61.10 mm (15.09" x 12.10" x 2.41")
  17": 413.7 x 347.2 x 63.8 (16.28" x 13.68" x 2.5")
- **Enclosure** Front bezel: Die-cast Aluminum alloy
  Back housing: SECC
- **Mounting** Desktop, Wall or Panel Mount (accessory may required)
- **Power Consumption** 45.6 W (Typical)
- **Power Input** 24 V_{DC} ± 20%
- **Weight (Net)** 2.5/ 3.9/ 4.0 KG

System Hardware

- **CPU** Intel® Atom™ E3827 1.75 GHz Dual-core Processor
- **BIOS** ACP BIOS enabled
- **Memory** 4GB DDR3L 1600MHz SO-DIMM SDRAM
- **LAN** 10/100/1000 Base-T x 2
- **I/O** RS-232 x 1, RS-232/422/485 x 1
  USB 3.0 x 1
  USB 2.0 x 1

LCD Display

- **Display Type** 12"/15": XGA TFT LED LCD
  17": SXGA TFT LED LCD
- **Display Size** 12.1" (SRP-FPV240-04), 15" (SRP-FPV240-05), 17" (SRP-FPV240-06)
- **Max. Resolution** 12"/15": 1024 x 768
  17": 1280 x 1024
- **Max. Colors** 12": 16.2M
  15"/17": 16.7M
- **Luminance cd/m²** 600/400/350 (12"/15"/17")
- **Viewing Angle (H/V°)** 160/140
- **Backlight Life** 50,000 hrs
- **Contrast Ratio** 12"/15": 700:1
  17": 800:1

Touchscreen

- **Lifespan** 36 million touches at single point
- **Light Transmission** Above 75%
- **Resolution** Linearity
- **Type** 5-wire, analog resistive

Environment

- **Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- **Ingress Protection** Front panel: IP66
- **Operating Temperature** -20 ~ 60°C (-4 ~ 140°F)
- **Storage Temperature** -30 ~ 70°C (-22 ~ 158°F)

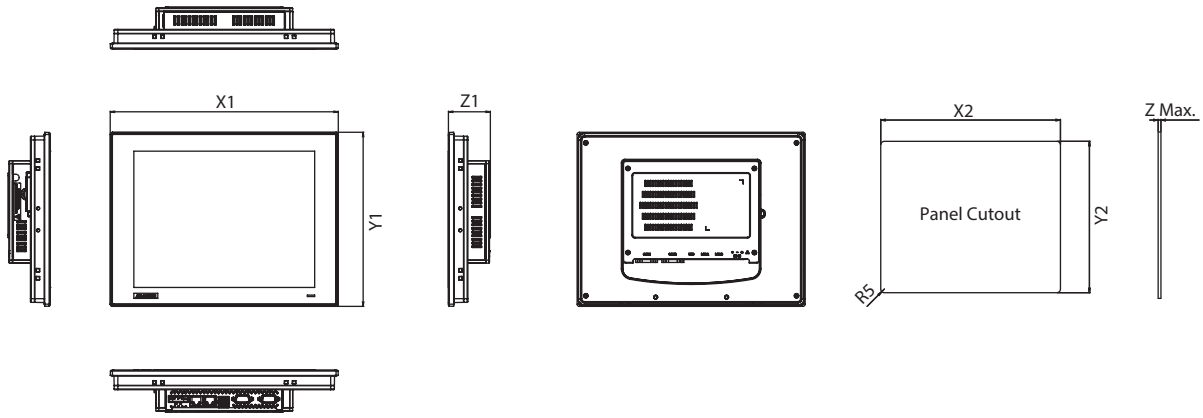
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All product specifications are subject to change without notice.

Last updated: 27-Jun-2018

Dimensions

Unit: mm



	System Dimension			Cutout		Supported Wall Thickness
P/N	X1	Y1	Z1	X2	Y2	Z Max.
SRP-FPV240-04	311.8	238.0	57.2	303.0	229.0	6.0
SRP-FPV240-05	383.2	307.3	61.1	374.5	298.5	6.0
SRP-FPV240-06	413.7	347.2	63.8	401.3	334.8	6.0

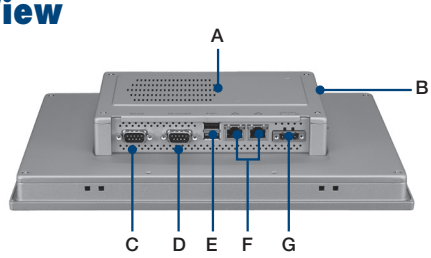
Ordering Information

- **SRP-FPV240-04** 12.1" XGA Touch Panel, ACP Ready ThinClient
- **SRP-FPV240-05** 15" XGA Touch Panel, ACP Ready ThinClient
- **SRP-FPV240-06** 17" SXGA Touch Panel, ACP Ready ThinClient

Optional Accessories

- **PWR-247-CE** 60W DC 24V/2.5A Output Power Adapter
- **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** Power Cable China/Australia Plug 1.8 M
- **TPC-1000H-WMKE** VESA Mounting Kit
- **TPC-1000H-SMKE** Stand Kit

Rear View



A. External iDoor kit (TPC-1251T-EHKE) (Optional)
B. CFast slot
C. RS-232
D. RS-232/422/485
E. USB 3.0 & 2.0
F. LAN (10/100/1000)
G. Power Receptor