

SRP-FPV240-04

SRP-FPV240-05

SRP-FPV240-06

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



Features

- Verified with ACP Thin Manager, ACP BIOS enabled
- Industrial 12.1"/15"/17" TFT LCD with 50K lifetime LED backlight
- Intel® Atom™ E3827 1.75GHz dual-core processor with 4GB DDR3 L3 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 touchscreen
- 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 Thin Manager Compatible industrial thin clients. ACP's Thin Manager, the leading thin client solution for the factory floor, and Advantech's industrially hardened thin client hardware provide unique solutions for centralized management of factory floor applications. The SRP-FPV240-04/05/06 is the perfect Thin Manager 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 (WxHxD)** 12": 311.80x238x57.2mm (12.28"x9.37"x2.25")
15": 383.20x307.30x61.10mm (15.09"x12.10"x2.41")
17": 413.7x347.2x63.8 (16.28"x13.68"x2.5")
- **Enclosure** Front bezel: Die-cast Aluminum alloy Back housing: SEC
- **Mounting** Desktop, Wall or Panel Mount (accessory may be required)
- **Power Consumption** 45.6W (Typical)
- **Power Input** 24V_{DC} ±20%
- **Weight (Net)** 2.5/3.9/4.0 KG

System Hardware

- **CPU** Intel® Atom™ E3827 1.75GHz Dual-core Processor ACP BIOS enabled
- **BIOS** core Processor ACP BIOS enabled
- **Memory** 4GB DDR3L 1600MHz SO-DIMM SDRAM
- **LAN** 10/100/1000 Base-Tx2
- ③ **I/O** RS-232x1, RS-232/422/485x1, USB3.0x1, USB2.0x1

LCDDisplay

- **Display Type** 12"/15": XGATFT LED LCD
17": SXGATFT LED LCD
- **Display Size** 12.1" (SRP-FPV240-04), 15" (SRP-FPV240-05), 17" (SRP-FPV240-06)
- **Max. Resolution** 12"/15": 1024x768
17": 1280x1024
- **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

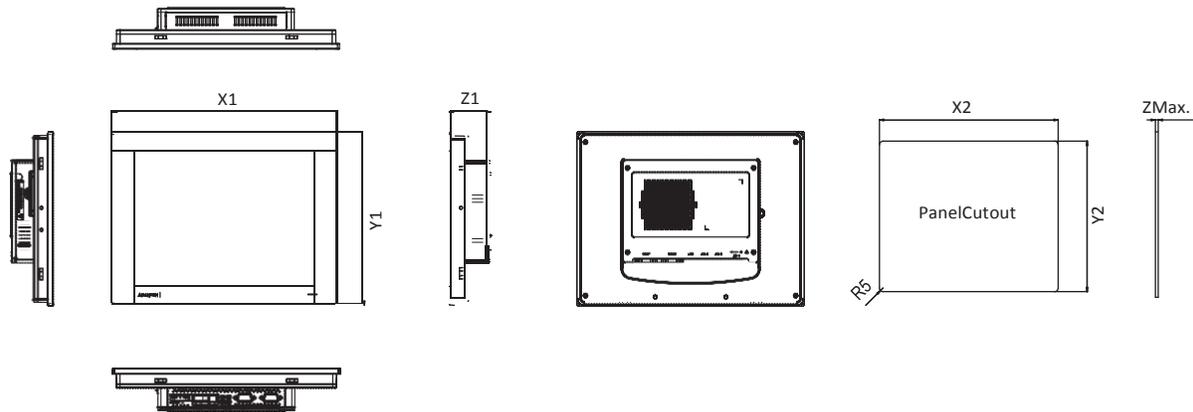
- **Lifespan** 36 million touches at single point A
- **Light Transmission** above 75%
- **Resolution** Linearity
- **Type** 5-wire, analog resistive

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)

Dimensions

Unit:mm



P/N	SystemDimension			Cutout		SupportedWallThickness
	X1	Y1	Z1	X2	Y2	ZMax.
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

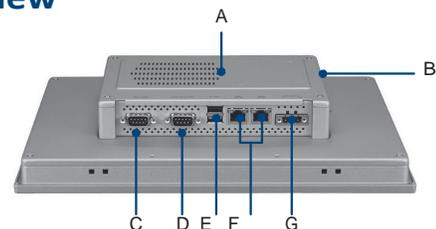
OrderingInformation

- SRP-FPV240-04 12.1"XGATouchPanel,ACPRReadyThinClient
- SRP-FPV240-05 15"XGATouchPanel,ACPRReadyThinClient
- SRP-FPV240-06 17"XGATouchPanel,ACPRReadyThinClient

OptionalAccessories

- PWR-247-CE 60WDC24V/2.5AOutputPowerAdapter
- 1702002600 PowerCableUSPlug1.8M
- 1702002605 PowerCableEUPlug1.8M
- 1702031801 PowerCableUKPlug1.8M
- 1700000596 PowerCableChina/AustraliaPlug1.8M
- TPC-1000H-WMKE VESAMountingKit
- TPC-1000H-SMKE StandKit

RearView



- A. ExternalDoorKit
(TPC-1251T-EHKE)(Optional)
- B. CFastslot
C.RS-232
- D.RS-232/422/485
- E.USB3.0&2.0
- F.LAN(10/100/1000)
- G.PowerReceptor