

SRP-FPV240-02

Multi-Monitor ACP Ready ThinClient, 1x VGA, 1x HDMI

NEW



Features

- Verified with ACP ThinManager, ACP BIOS enabled
- 4th Generation Intel® Celeron® J1900 Processor 2.42 GHz with 4GB DDR3L
- Memory
- 2 x simultaneous, independent multi-monitor video ports: 1 x VGA, 1 x HDMI
- 2 x GbE, 4 x USB 2.0 and 1 x USB 3.0, 2 x RS-232, 2 x RS-232/422/485, 1 x VGA, 1 x HDMI, Audio
- Compact with fanless design
- Rubber stopper design with captive screw
- Chassis grounding protection
- Two independent LANs support Ethernet redundancy allowing the terminal to activate and switch to the backup port in a seamless fashion.
- Fault-protected RS-485 transceivers with extended common-mode range

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 thin client solution for the factory floor, and Advantech's industrially hardened thin client hardware provide a unique solutions for centralized management of factory floor applications. The SRP-FPV240-02 is the perfect ThinManager multi-monitor industrial thin client for applications where flexibility and cost savings of 2 monitors per client is desired. SRPFPV240-02 also supports the dual video interfaces such as VGA and HDMI.

Specifications

General

- **Certification** CE, FCC, UL, CCC, BSMI
- **Dimensions (W x D x H)** 252 x 149 x 62 mm (9.9" x 5.9" x 2.4")
- **Form Factor** Regular size
- **Enclosure** Aluminum housing
- **Mounting** Stand, wall, VESA (optional), din-rail (optional)
- **Weight (Net)** 1.6kg (3.5lbs)
- **Power Requirements** 24V_{DC} ± 20%
- **Power Consumption** 10W (Typical), 14W(Max)

System Hardware

- **BIOS** ACP BIOS enabled
- **Processor** Intel® Celeron® processor J1900 2.42 GHz Quad Core, 2MB L2
- **System Chip** Intel Celeron J1900 processor SoC integrated
- **Memory** 4GB DDR3L 1333 MHz
- **Graphics Engine** Intel® HD Graphics: Gen7 with 4EU
- **Ethernet** Intel® i210-IT GbE, 802.1Qav, IEEE1588/802.1AS, 802.3az
- **LED Indicators** LEDs for power, battery, LAN (active, status)

I/O Interfaces

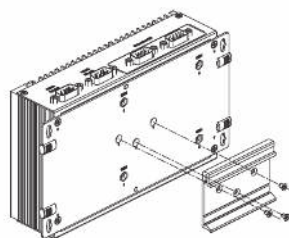
- **Serial Ports** 2 x RS-232, DB9, 50 ~ 115.2kbps, 2 x 232/422/485, DB9, auto flow control, 50 ~ 115.2kbps
- **LAN Ports** 2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
- **USB Ports** 4 x USB 2.0, 1 x USB 3.0
- **Displays** 1 x VGA, supports 2048 x 1536 at 60Hz
1 x HDMI, supports 1920 x 1080 at 60Hz
- **Audio** Line-In
- **Power Connector** 1 x 3 pins, terminal block
- **Grounding Protection** Chassis grounding

Environment

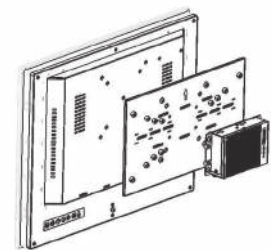
- **Operating Temperature** - 10 ~ 60°C (14 ~ 140°F) @ 5 ~ 85% RH with 0.7m/s airflow
- **Storage Temperature** - 40 ~ 85°C (-40 ~ 185°F)
- **Relative Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- **Shock Protection** Operating, IEC 60068-2-27, 50G, half sine, 11ms
- **Vibration Protection** Operating, IEC 60068-2-64, 2Grms, random, 5 ~ 500Hz, 1hr/axis
- **Ingress Protection** IP40

Installation Scenario

DIN-Rail Mount Illustration

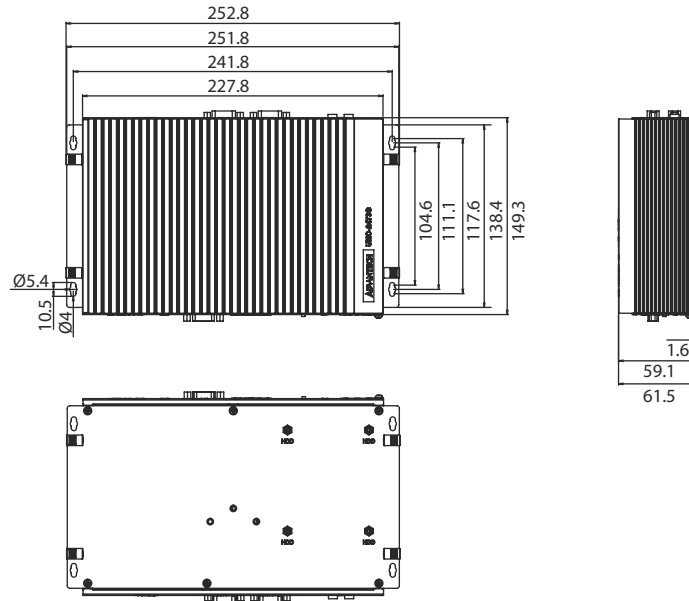


VESA Mount Illustration

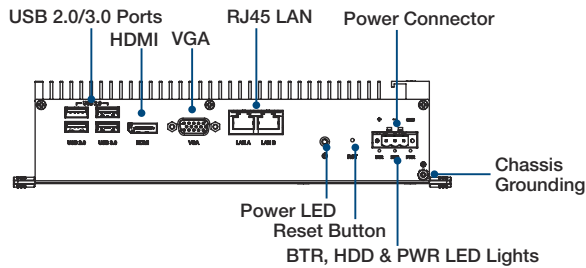


Dimensions

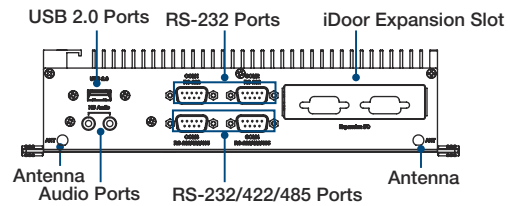
Unit: mm



Front I/O View



Rear I/O View



Ordering Information

- SRP-FPV240-02 UNO-2473G-J3AE, ACP Ready ThinClient, VGA x 1, HDMI x 1

Optional Accessories

- 96PSA-A60W24T2 A/D Power adapter 100-240V 60W 24V
- 1702002600 Power Cable US Plug 1.8 M (Industrial Grade)
- 1702002605 Power Cable EU Plug 1.8 M (Industrial Grade)
- 1702031801 Power Cable UK Plug 1.8 M (Industrial Grade)
- 1700000596 Power Cable China/Australia Plug 1.8 M (Industrial Grade)
- UNO-2000G-DMKAE UNO-2000 DIN Rail Kit
- UNO-2000G-VMKAE UNO-2000 VESA Mount Kit

Monitor Cabling Accessories

*Available in America

- XACP-10DP-DPHM-10 DisplayPort to HDMI Cable, 10ft
- XACP-10DP-DPDVI-10 DisplayPort to DVI Cable, 10ft
- XACP-10HM-15128-03 HDMI to DVI Cable, 10ft
- XACP-10DP-DPDP-10 DisplayPort to DisplayPort Cable, 10ft
- XACP-10HM-128V4-10 HDMI to HDMI Cable, 10ft