SRP-FPV241-AE

4K Ultra-HD MultiMonitor TM Ready ThinClient, 5 x HDMI, 1 x DP, 8 x USB ports

Features

- Verified with ACP ThinManager, ACP BIOS Enabled
- Intel® Core™ i3 Processor up to 2.6 GHz with 8GB DDR4 Memory
- 6 simultaneous, independent multi-monitor video ports: 5 x HDMI, 1 x DP*
- Supports 4K Ultra-HD video outputs**
- 2 x GbE, 4 x USB 3.0, 4 x USB2.0, 4 x RS-232/422/485
- Independent LANs support Ethernet Redundancy allowing the terminal to activate and switch to the backup port in a seamless fashion.
- Compact fanless design
- Chassis grounding protection

* ThinManager supports up to 5 video ports running simultaneously

** 4 x HDMI and 1 x DP ports support 4K resolution

Introduction

Realize the true value of thin client and centralized management technologies with Advantech's ThinManager compatible industrial thin clients. Rockwell ThinManager, the leading thin client solution for the factory floor, and Advantech's industrially hardened thin client hardware provide a unique solution for centralized management of factory floor applications. The SRP-FPV241-AE is the perfect ThinManager multi-monitor industrial thin client for applications where flexibility and cost savings of 5 monitors per client is desired. The SRP-FPV241-AE also supports the dual video interfaces of 4K resolution such as DP and HDMI. Its ultra-HD video ports are especially good for supervision overviews in a control room.

Specifications

General

- **Certification** CE, FCC, UL, CB, CCC
- **Dimensions (W x H x D)** 200 x 70 x 140 (7.8" x 2.8" x 5.6")
- **Form Factor** Regular Size
- **Enclosure** Aluminum Housing
- **Mounting** Stand
- **Weight (Net)** 3 KG
- **Power Requirement** 10 - 36 V_{DC}
- **Power Consumption** 60 W (Typical)

System Hardware

- **BIOS** ACP BIOS enabled
- **Processor** 6th Gen. Intel Core i3-6100U, 2.3 GHz 3M Smartcache
- **Memory** Built-in 8GB DDR4 1866 MHz
- **Graphics Engine** Intel® HD Graphics 520/ AMD Radeon™ Embedded GPU
- **Ethernet** Intel i210-IT GbE, 802.1Qav, IEEE1588/ 802.1AS, 802 Intel i219-IT GbE
- **LED Indicators** LEDs for Power, LAN (Active, Status), RTC Battery low

I/O Interfaces

- **Serial Ports** 4 x RS-232/422/485
- **LAN Ports** 2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000Base-T Fast Ethernet
- **USB Ports** 4 x USB3.0, 4 x USB2.0
- **Displays** 1 x Full-HD HDMI, 4 x Ultra-high HDMI (4K), 1 x Ultra-high Display Port (4K)
- **Audio** Line-out
- **Power Connector** 1 x two-pin terminal block
- **Grounding Protection** Chassis Grounding

Environment

- **Operating Temperature** -20 ~ 40°C (-4 ~ 104°F) @ 5 ~ 85% RH with 0.7 m/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, 11 ms
- **Vibration Protection** Operating, IEC 60068-2-64, 2 Grms, random, 5 ~ 500 Hz, 1hr/axis
- **Ingress Protection** IP40

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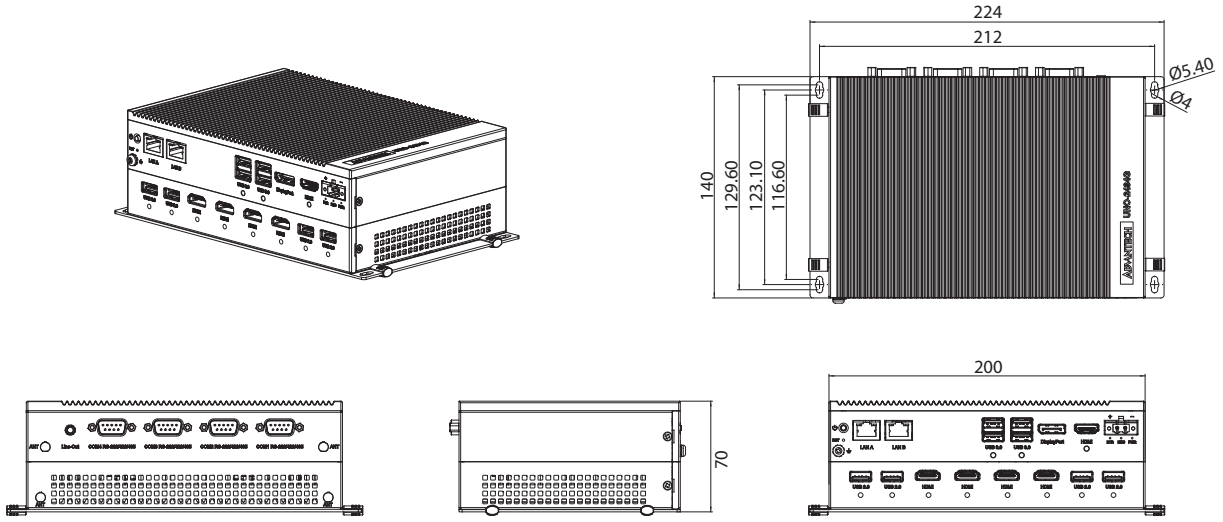
THINMANAGER A Rockwell Automation Technology

All product specifications are subject to change without notice.

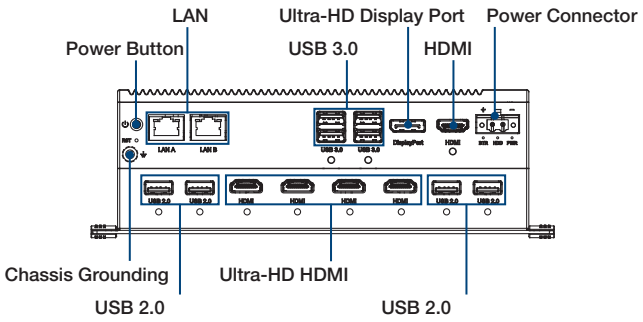
Last updated: 27-Jun-2018

Dimensions

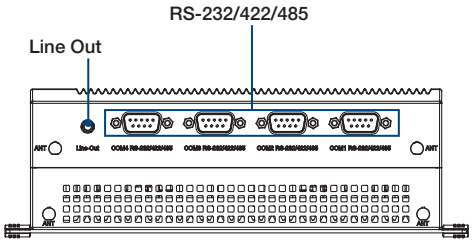
Unit: mm



Front I/O View



Rear I/O Veiw



Ordering Information

- **SRP-FPV241-AE** 4K Ultra-HD MultiMonitor TM Ready ThinClient, 5 x HDMI, 1 x DP, 8 x USB

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

Optional Accessories

- **96PSA-A150W24T2** Power Adapter 100-240VAC 150W 24VDC
- **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)