ESRP-CMS-UNO2362

MultiMonitor ACP Ready ThinClient, 1x HDMI, 1x DP

Features

- Verified with ACP ThinManager, ACP BIOS enabled
- 2 simultaneous, independent multi-monitor digital video ports: 1 x HDMI, 1 x DisplayPort,
- 1 x GbE, 4 x USB 2.0, 1 x RS-232, 1 x RS-485
- Daisy-Chain for Ethernet with auto-bypass protection enabled
- Comprehensive palm, small, regular-size form-factor
- Compact fanless design

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 solution for centralized management of factory floor applications. The ESRP-CMS-UNO2362 is the perfect ThinManager multi-monitor industrial thin client for applications where flexibility and cost savings of two monitors per client is desired. ESRP-CMS-UNO2362 also supports the newest digital video interfaces such as DisplayPort and HDMI.

Specifications

General

- **Certification** CE, FCC, UL, CCC, BSMI
- **Dimensions (W x D x H)** 190 x 107 x 47 mm (7.5" x 4.2" x 1.8")
- **Form Factor** Small size
- **Enclosure** Aluminum housing
- **Mounting** Stand, wall, VESA (optional)
- **Weight (Net)** 1.0kg (2.2lbs)
- **Power Requirement** 24VDC ±15%
- **Power Consumption** 14W (Typical), 24W (Max)

System Hardware

- **BIOS** ACP BIOS enabled
- **Processor** AMDR G-series T40E 1.0GHz dual core, 512MB
- **Memory** On-board 2GB DDR3 833/1066 MHz
- **Graphics Engine** AMD Radeon™ HD 6250 DirectXR 11 graphics with UVD 3.0 2D/3D Accelerator
- **Ethernet** Realtek RTL8111E, Marvell 88E6172 Giga Ethernet switch with daisy chain technology
- **LED Indicators** LEDs for Power, battery, LAN (Active, Status)

I/O Interfaces

- **Serial Ports** 1 x RS-232, DB9
1 x RS-485, DB9
- **LAN Ports** 2 x RJ45, 10/100/1000 Mbps (Built-in switch for daisy chaining supports 1 IP address only)
- **USB Ports** 4 x USB 2.0
- **Displays** 1 x DisplayPort 1.1, supports 1920x1200 (HD 6250) @ 30 bpp
1 x HDMI v1.3, supports 1920x1080p @ 36 bpp
- **Power Connector** 1 x 2 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

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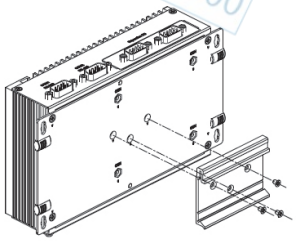
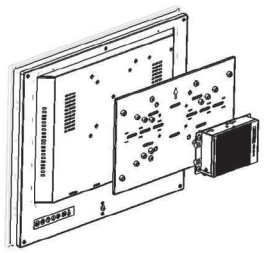
Installation Scenario

DIN-Rail Mount Illustration



VESA Mount Illustration

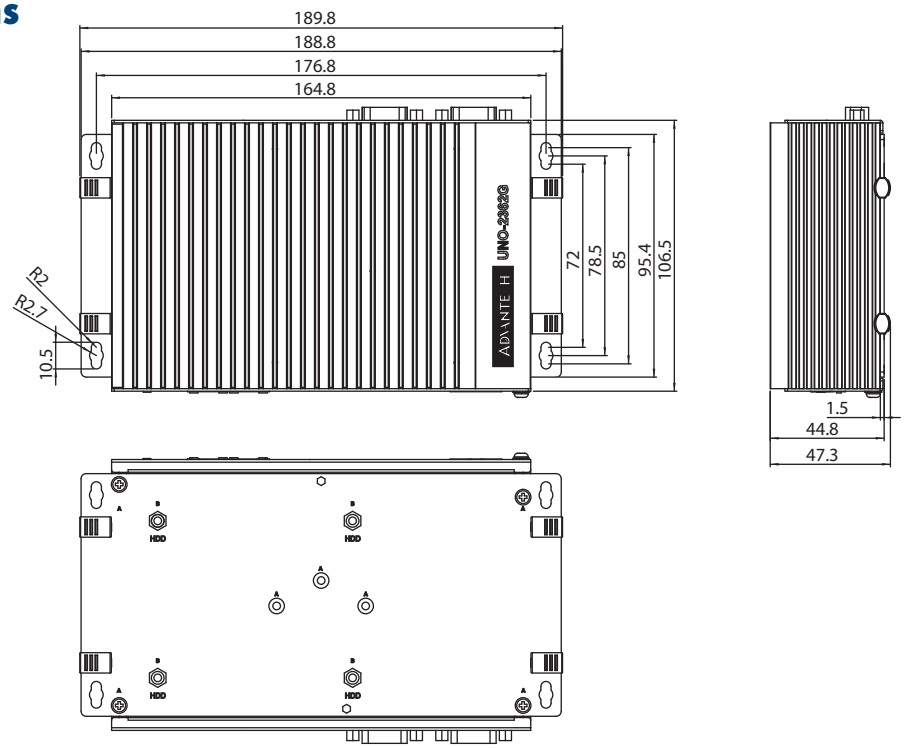


All product specifications are subject to change without notice.

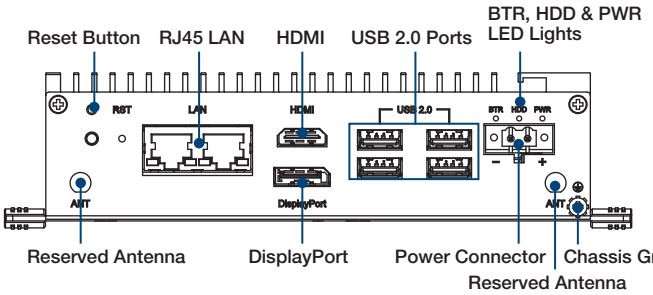
Last updated: 25-Feb-2021

Dimensions

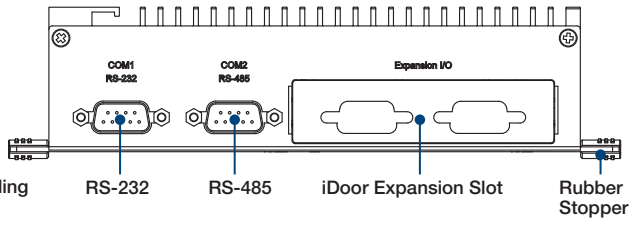
Unit: mm



Front I/O View



Rear I/O View



Ordering Information

- **ESRP-CMS-UNO2362** Shop Floor Monitor, ACP Ready ThinClient, HDMI x 1, DP x 1

Optional Accessories

- **96PSA-A60W24T2** 100-240V 60W 24V 2.5A Power Adapter
- **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