ESRP-CMS-UNO2372

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,
- 2 x GbE, 4 x USB 3.0, 4 x RS-232/422/485
- 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-UNO2372 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-UNO2372 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), DIN rail (optional)
- **Weight (Net)** 1.0kg (2.2lbs)
- **Power Requirement** 10 ~ 36 V_{DC}
- **Power Consumption** 18.36W (typical)

System Hardware

- **BIOS** ACP BIOS enabled
- **Processor** Intel® Celeron® J3455E quad-core, 1.5 GHz
- **Memory** Built-in 4 GB DDR3L, 1866 MHz (supports up to 8 GB)
- **Graphics Engine** Intel® HD Graphics 500
- **Ethernet** Intel® i210 GbE, 802.3Qav, 802.1AS, 802.3az
- **LED Indicators** Power, RTC battery, LAN (active, status), and HDD

I/O Interfaces

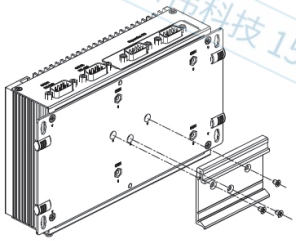
- **Serial Ports** 4 x RS-232/422/485, DB9, 50 ~ 115.2kbps
- **LAN Ports** 2 x RJ45, 10/100/1000 Mbps IEEE 802.3u 1000BASE-T Fast Ethernet
- **USB Ports** 4 x USB 3.0
- **Displays** 1 x HDMI 1.4b (3840 x 2160 @30 Hz)
  1 x DP 1.2 (3840 x 2160 @60 Hz)
- **Power Connector** 1 x 2 pins, terminal block

Environment

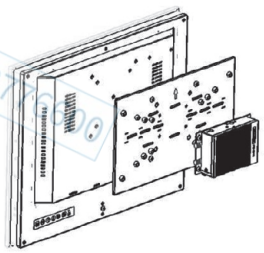
- **Operating Temperature** -20 ~ 60 °C/-4 ~ 140 °F @ 5 ~ 85% RH with 0.7m/s airflow
- **Storage Temperature** -40 ~ 85°C (-40 ~ 185°F)
- **Relative Humidity** 10 ~ 95% RH @ 40°C, non-condensing
- **Shock Protection** Operating, IEC 60068-2-27, 50G, half sine, 11ms
- **Vibration Protection** Operating, IEC 60068-2-64, 2Grms, random, 5 ~ 500Hz, 1hr/axis
- **Ingress Protection** IP40

Installation Scenario

DIN-Rail Mount Illustration



VESA Mount Illustration



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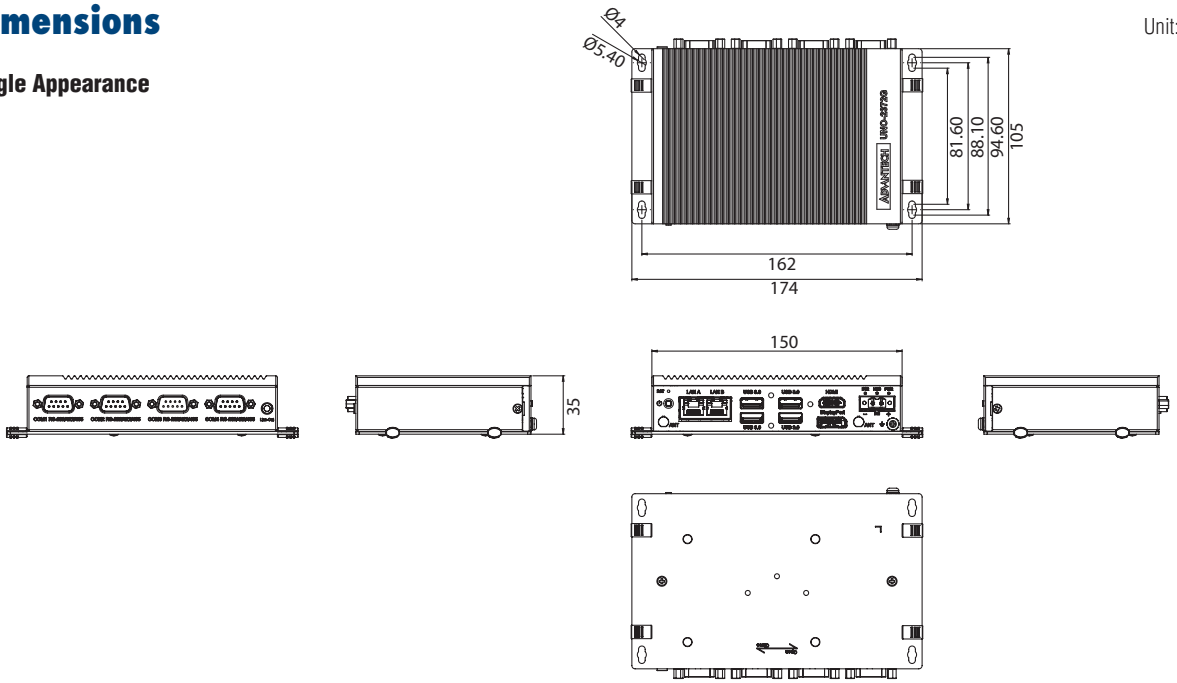
THINMANAGER
A Rockwell Automation Technology

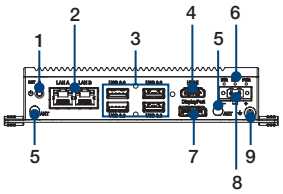
Dimensions

Unit: mm

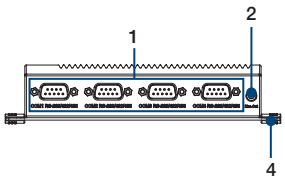
Single Appearance



IO Side



1. Power button
2. RJ45 LAN
3. USB 3.0
4. HDMI
5. Reserved antenna
6. Power, Battery, HDD LEDs
7. DisplayPort
8. Power connector
9. Chassis grounding



1. RS-232/422/485
2. Line-out
3. iDoor expansion slot
4. Rubber stopper

Ordering Information

- **ESRP-CMS-UNO2372** Shop Floor Monitor, ACP Ready ThinClient, HDMI x 1, DP x 1

Optional Accessories

- **96PSA-A60W24T2-3** A/D 100 ~ 240V 60W 24V C14 cord end terminal 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
- **UNO-2000-LKAE** Cable locking kit, 10 units per pack
- **UNO-REPWR-AE** Remote power and reset control kit for UNO

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