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Find the *Advantech UNO-2160* at our website: *Click HERE*

UNO-2160

Intel® Celeron® UNO w/2 x LAN, 4 x COM, PC/104



Features

- Onboard Celeron® 400 MHz
- Provides 512 KB battery-backup SRAM
- Two RS-232 and two RS-232/422/485 ports with automatic flow control.
- Two 10/100Base-T RJ-45 ports
- Two USB and one type I/II PC Card
- Two optional PC/104 expansion slots
- Windows® CE 5.0, Windows XP Embedded, and Linux ready solution

Introduction

UNO-2160 is an embedded automation computer that supports PC/104 expansion, serial communication ports and several other networking interfaces. UNO-2160 supports Windows XP Embedded OS and Windows 5.0, which offers a pre-configured image with optimized onboard device drivers. Windows XP Embedded delivers the power of the Windows operating system in componentized form. You can seamlessly integrate your applications into Windows XP Embedded and speed up your system development with an application ready platform that can provide a rich networking interface to fulfill diverse requirements.

Specifications

General

- **Certifications** CE, FCC class A, UL
- **Dimensions (W x D x H)** 255 x 152 x 50 mm (10" x 6.0" x 2.0")
- **Enclosure** Aluminum
- **Mounting** Wall
- **Power Consumption** 22 W (Typical)
- **Power Input** 9 ~ 36 V_{DC} (e.g +24 V @ 2 A) (Min. 48 W), AT
- **Weight** 1.6 kg
- **OS Support** Windows® XP Embedded, Windows® 2000/XP, Windows® CE 5.0, Linux

System Hardware

- **CPU** Celeron® 400 MHz Ultra low-voltage version
- **Memory** 256 MB SDRAM
- **Battery Backup RAM** 512 KB
- **Indicators** LEDs for power, IDE, alarm for RAM backup battery,
- **Keyboard/Mouse** 1 x PS/2
- **PC Card** 1 x PC Card slot, supports CardBus (Card-32) Card and 16-bit (PCMCIA 2.1/JEIDA4.2) card
  Supports +5, +3.3 and +12 V @120 mA working power
- **PC/104** 2 x PC/104 slots (optional). Supports +5V power
- **Printer Port** 1 x printer port
- **Storage** SSD: 1 x internal type I/II CompactFlash® slot
  HDD: one standard 2.5" HDD
- **VGA** DB15 VGA connector, 1280 x 1024 @ 60 Hz

Communications

- **Serial Ports** 2 × RS-232, 2 x RS-232/422/485 with DB9 connectors
  Automatic RS-485 data flow control
- **Serial Port Speed** RS-232: 50 ~ 115.2 kbps
  RS-422/485: 50 ~ 921.6 kbps (Max.)
- **LAN** 2 x 10/100 Base-T RJ-45 ports
- **USB Ports** 2 x USB, UHCI, Rev. 1.1 compliant

Environment

- **Humidity** 95% @ 40° C (non-condensing)
- **Operating Temperature** -20 ~ 50° C (-4 ~ 122° F) @ 5 ~ 85% RH
- **Shock Protection** IEC 68 2-27
  CompactFlash®: 50 G @ wall mount, half sine, 11 ms
  HDD: 20 G @ wall mount, half sine, 11 ms
- **Vibration Protection** IEC 68 2-64 (Random 1 Oct./min, 1hr/axis.)
  CompactFlash®: 2 Grms @ 5 ~ 500 Hz,
  HDD: 0.5 Grms @ 5 ~ 500 Hz

Ordering Information

- **UNO-2160-JDA0E** Intel Celeron UNO w/2 x LAN, 4 x COM, PC/104

Accessories

- **UNO-PCM21-AE** UNO-2100 series 2 x PC/104 expansion kit
- **UNO-FPM21-AE** UNO & FPM integration kit

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