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

- CE, FCC class A, UL Certifications
- Dimensions (W x D x H) 255 x 152 x 50 mm (10" x 6.0" x 2.0")

Wall

Aluminum

- Enclosure
- Mounting
- Power Consumption 22 W (Typical)
- 9 ~ 36 V_{DC} (e.g +24 V @ 2 A) (Min. 48 W), AT Power Input 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

- LAN USB Ports

- Shock Protection
- Vibration Protection

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

2 × RS-232, 2 x RS-232/422/485 with DB9 connectors

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-FPM21-AE

UNO-2100 series 2 x PC/104 expansion kit UNO & FPM integration kit

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

Environment

- Humidity