

UNO-2160

Celeron® 400 Universal Network Controller with PC/104 Extension

NEW



Features

- Onboard Celeron® 400 MHz, 256/512 MB SDRAM
- Provides 512 Kbytes of battery-backup RAM
- Supports Lm sensor which can retrieve CPU and board temperature for monitoring purposes
- Two RS-232 and two RS-232/422/485 ports with automatic flow control.
- Two 10/100 Base-T RJ-45 ports.
- Two USB and one type I/II PC Card.
- Two optional PC/104 extensions.
- Supports Modbus/RTU and Modbus/TCP devices.
- Supports ADAM series for remote data acquisition and control
- Windows® XP Embedded ready solution.

Introduction

UNO-2160 is a high performance Pentium III grade controller that supports PC/104 extensions, serial communication ports and several other networking interfaces. UNO-2160 comes with Windows® XP Embedded OS, 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. Speed up your system development with an application ready platform that can provide a rich networking interface to fulfill diverse requirements.

Specifications

- CPU** Celeron® 400 MHz Ultra low-voltage version, 256/512 MB SDRAM on board (Default: 256 MB SDRAM).
- Battery-backup RAM** 512 KB Battery-backup RAM
- VGA/Keyboard/Mouse** DB-15 VGA Connector, PS/2 keyboard & mouse
- Serial Ports** 2 x RS-232 and 2 x RS-232/422/485 with DB-9 connectors
Automatic RS-485 data flow control
- Serial Port Speed** RS-232: 50 ~ 115.2 Kbps
RS-422/485: 50 ~ 921.6 Kbps
- LAN** Two 10/100 Base-T RJ-45 Ports
- USB Interface** Two USB ports, USB UHCI, Rev. 1.1 compliant
- Printer Port** One printer port
- PC Card** One PC Card slot
Supports CardBus (Card-32) Card and 16-bit (PCMCIA 2.1/JEIDA4.2) Card
Supports +5 V, +3.3 V and +12 V @ 120 mA working power
- SSD** One internal Type I / Type II CompactFlash card slot
- LEDs** Power, IDE, Alarm for RAM Backup Battery
- PC/104** Two PC/104 Extensions. (Option)
- HDD** HDD extension kit for installation of one standard 2.5" HDD
- Anti-Shock** 20 G @ Wall mounting, IEC 68 2-27, half sine, 11 ms w/HDD
50 G @ Wall mounting, IEC 68 2-27, half sine, 11 ms w/CF
- Anti-Vibration** 2 Grms w/CF @ IEC 68 section 2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis.
0.5 Grms w/ HDD @ IEC 68 section 2-64, random, 5 ~ 500 Hz, 1 Oct./min, 1 hr/axis
- Power Supply** 9 ~ 36 V_{DC}
- Power Consumption** Max. 35 W
- Operating Temperature** -10~50° C (14~122° F) @ 5~85% related humidity.
- Relative Humidity** 95% @ 40° C
- Weight** 1.6 kg

- Chassis Size (WxDxH)** 255 x 152 x 50 mm (10" x 6.0" x 2.0")
- Software Options** Windows® XP Embedded, Windows NT/2000/XP, Windows CE .NET V4.2

Ordering Information

- UNO-2160-JDA0** Celeron® 400 Universal Network Controller with 256 MB SDRAM, 2xRS-232, 2xRS-232/422/485, 2xLAN, 2xUSB and PC Card
- UNO-2160-KDA0** Celeron® 400 Universal Network Controller with 512MB SDRAM, 2xRS-232, 2xRS-232/422/485, 2xLAN, 2xUSB and PC Card
- UNO-PCM21-A** UNO-2100 series PC/104 extension kit

Dimensions

