

UNO-2171

Intel® Pentium® M Fanless Box PC
with 2 x LAN, 4 x COM, 4 x USB, PCI/104+



Features

- Onboard Pentium® M 1.40GHz
- Two RS-232 and two RS-232/422/485 port with auto flow control
- Two 10/100BASE-T RJ-45 ports
- Two USB and one type I/II PC Card
- Onboard 512 KB battery-backup SRAM
- Windows® XP Pro SP3
- Fanless design with no internal cabling
- Audio with Mic in, Line in, Line out
- Onboard system status LED indicators
- Supports Wake on LAN and Boot from LAN function
- PC/104+ expansion slots

Introduction

UNO-2171 is an embedded automation computer that supports PC/104+ expansion, serial communication ports and several other networking interfaces.

Specifications

General

- Certifications CE, FCC class A, UL, CCC
- Dimensions (WxHxD) 10" x 6.0" x 2.3"
- Enclosure Aluminum
- Mounting Wallmount
- OS Support Windows® XP
- Power Consumption 24W
- Power Requirements 10~53 VDC (e.g. +24V@2A) (Min. 48W), ATX
- Weight 2.4 kg

System Hardware

- CPU Pentium® M 1.4 GHz
- Memory 1GB DDR SDRAM
- Battery Backup 512 KB
- Indicators LEDs for Power, IDE, LAN (Active, Status), Serial (Tx, Rx), Alarm for battery backup SRAM
- Storage 2.5" 160GB Hard Drive
- 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 V, +3.3 V
- PC/104+ Slot Supports +5 V, +3.3 V
- Display DB15 VGA Connector, 1600x1200 @ 85 Hz
- Audio Mic in, Line in, Line out
- Watchdog Timer Programmable 256 levels timer interval, from 1 to 255 sec

I/O Interface

- LAN 2 x 10/100Base-T RJ-45 ports (supports wake on LAN and built-in boot ROM in flash BIOS)
- Serial Ports 2 x 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
- USB Ports 2 x USB, EHCI, Rev. 2.0 compliant

Environment

- Humidity 95% @ 40C (non-condensing)
- Operating Temp -20 ~ 65C @ 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: 1 Grms @ 5 ~ 500 Hz

Ordering Information

- C-UNO2171-160GB-XP

Accessories

- UNO-FPM21-AE UNO-2000 series VESA mount kit
- UNO-PCM22-AE 2 x PC/104 expansion kit for UNO-2100 series