

# UNO-2171

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



## Features

- Onboard Celeron® M 1.0GHz
- 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® XPe 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. Windows XPe delivers the power of the Windows operating system in componentized form. You can seamlessly integrate your applications into Windows XPe 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, CCC
- Dimensions (WxHxD) 10" x 6.0" x 2.3"
- Enclosure Aluminum
- Mounting Wallmount
- OS Support Windows® XPe
- Power Consumption 24W
- Power Requirements 10~53 VDC (e.g +24V@2A) (Min. 48W), ATX
- Weight 2.4 kg

### System Hardware

- CPU Celeron® M 1.0 GHz
- Memory 512 MB
- Battery Backup 512 KB
- Indicators LEDs for Power, IDE, LAN (Active, Status), Serial (Tx, Rx), Alarm for battery backup SRAM
- Storage 4GB CompactFlash®
- 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-UNO2171-4GB-CF-XPE

### Accessories

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

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