

UNO-1150/E

**AMD Geode GX Fanless Box PC
with 2 x LAN, 3 x COM, PCI-104**

NEW



UNO-1150

UNO-1150E



Introduction

UNO-1150 is a DIN-rail Mounted Fanless Box PC, which provides several serial communication ports and Ethernet interfaces, with a compact size, small foot print, and help to save space and its front accessible is very convenient for wiring and DIN-rail design for easy installation in field cabinet. With rich OS and driver supports, such as Windows XP embedded, WinCE 6.0, and even embedded Linux. You can integrate your applications easily with an application ready platform that can provide a versatile function to fulfill diverse requirements.

Specifications

General

- **Certification** CE, FCC Class A, UL, CCC
- **Dimension (W x H x D)** 85 x 155 x 140 mm (3.4" x 6.1" x 5.6") (UNO-1150)
110 x 155 x 140 mm (4.4" x 6.1" x 5.6") (UNO-1150E)
- **Enclosure** Aluminum + SECC
- **Mounting** DIN-rail, Wallmount
- **Power Consumption** 15 W (Typical)
- **Power Requirement** 9 ~ 36 V_{DC} (e.g. +24 V @ 1 A) (Min. 24 W), AT
- **Weight** 1.6 KG
- **OS Support** Windows XP Embedded, Windows 2000 & XP, Windows CE 6.0, Linux

System Hardware

- **CPU** AMD Geode GX 533 (400 MHz)
- **Memory** Onboard 256 MB DDR SDRAM
- **Indicators** LEDs for Power, IDE, LAN (Active, Status) and Serial (Tx, Rx)
Buzzer for Diagnosis (programmable)
- **Keyboard/Mouse** 1 x PS/2
- **Storage** SSD: 1 x internal type I/II CompactFlash® slot
HDD: 2.5" SATA HDD bracket (Only for UNO-1150E)
- **PC/104 Slot** PCI-104 slot, supports 3.3 V & +5 V (Only for UNO-1150E)
- **Mini PCI** 1x MiniPCI (UNO-1150E only)
- **Display** DB15 VGA connector, supports up to 1024 x 768 @ 60 Hz
- **Audio** Line in, Line out
- **Watchdog Timer** Programmable 256 levels timer interval, from 1 to 255 sec

Features

- Onboard AMD Geode GX 533 (400 MHz) CPU
- One RS-232 and two RS-232/422/485 ports with automatic flow control.
- Two 10/100Base-T RJ-45 ports
- Two USB, audio and internal CompactFlash®
- Compact size, small foot print, saves space and front accessible for easy wiring
- DIN-rail design for easy installation in field cabinet
- Wide operating temperature range
- Windows® CE 6.0, Windows XP Embedded, and Linux ready solution
- Onboard system & I/O LED indicators
- Fanless desing with no internal cabling

I/O Interface

- **Serial Ports** 1 x RS-232, 2 x RS-232/422/485 with DB9 connectors, Automatic RS-485 data flow control
RS-232/422/485 ports support hardware 128 byte FIFO
- **Serial Port Speed** For RS-232 port: 50 ~ 115.2 kbps
For RS-232/422/485 port: RS-232, 300 ~ 115.2 kbps
For RS-232/422/485 port: RS-422/485, 300 ~ 921.6 kbps
- **LAN** 2 x 10/100 Base-T RJ-45 ports
- **USB** 2 x USB, OpenHCI, Rev. 1.1 compliant

Environment

- **Operating Temperature** -10 ~ 60° C (14 ~ 140° F)
- **Storage Temperature** -20 ~ 80° C (-4 ~ 176° F)
- **Operating Humidity** 20 ~ 95% (non-condensing)
- **Storage Humidity** 0 ~ 95% (non-condensing)
- **Shock Protection** IEC 68 2-27
CompactFlash®: 50 G @ wall mount, half sine, 11 ms
HDD: 20 G @ wall mount, half sine, 11 ms (UNO-1150)
0.5 Grms @ 5 ~ 500 Hz (UNO-1150E)
- **Vibration Protection** IEC 68 2-64 (Random 1 Oct./min, 1hr/axis.)
CompactFlash®: 2 Grms @ 5 ~ 500 Hz

Ordering Information

- **UNO-1150-G20E** GX2 400 MHz, 256 MB RAM Fanless Box PC
- **UNO-1150E-G20E** GX2 400 MHz, 256 MB, Fanless Box PC w/PCI-104

Accessories

- **UNO-FPM11-AE** UNO-1100 series VESA mount kit