

UNO-1150

AMD GX2 UNO with 2 x LAN,
3 x COM, 2 x USB

NEW



Features

- Onboard AMD GX2 400 MHz
- 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
- Windows® CE 6.0, Windows XP Embedded, and Linux ready solution
- Onboard system & I/O LED indicators
- Fanless and no internal cabling design

Introduction

UNO-1150 is an DIN-rail Mounted embedded automation computer, which provides several serial communication ports and Ethernet interfaces.

UNO-1150 is designed as compact size, small foot print, and help to saves 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")
- **Enclosure** Aluminum + SECC
- **Mounting** DIN-rail, Wall
- **Power Consumption** 15 W (Typical)
- **Power Requirement** Min. 24 W (10 ~ 36 V_{DC}) (e.g +24 V @ 1 A), AT
- **Weight** 1.6 KG
- **OS Support** Windows XP embedded, Windows 2000 & XP, Windows CE 6.0, Linux

System Hardware

- **CPU** AMD GX2 400 MHz
- **Memory** Onboard 256 MB DDR SDRAM
- **Indicators** Power, IDE, LAN (Active, Status) and Serial (Tx, Rx)
- **Keyboard/Mouse** 1 x PS/2
- **Storage** SSD: 1 x internal type I/II CompactFlash® slot
- **VGA** DB15 VGA connector
- **Audio** Line in, Line out
- **Watchdog Timer** Programmable

Communication

- **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
- **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 M, 256 MB RAM, UNO-1150