

**UNO-2059**

**GX1-300 Universal Network Controller with PC Card, 2 RS-232/485, 2 RS-232/422/485**

**UNO-2160**

**C4-400 Universal Network Controller with 2xRS-232, 2xRS-232/422/485, 2xLAN and PC/104 Extension**



**UNO-2059  
GX1-300 Universal Network Controller with PC Card, 2 RS-232/485, 2 RS-232/422/485**

**Hardware**

- **CPU:** NS Geode GX1-300 MHz with 64/128 MB SDRAM on board
- **VGA/Keyboard/Mouse:** DB-15 VGA connector, PS/2 keyboard & mouse
- **Serial Port:** 2 x standard RS-232, 2 x RS-232/RS-422/485
  - automatic RS-485 data flow control
  - RS-422/485 surge protection up to 2,000 V<sub>DC</sub>
  - Speed: RS-232: 50 ~ 230.4 Kbps; RS-422/485: 50 ~ 921.6 Kbps
- **USB Interface:** two USB ports, USB OpenHCI, Rev. 1.0 compliant
- **LAN:** one 10/100 Base-R RJ-45 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
- **HDD:** offer HDD extension kit for installation of one standard 2.5" HDD
- **Watchdog Timer:** programmable
- **LED:** power LED, IDE LED and one programmable diagnostic LED and buzzer
- **Power Supply:** 9 ~ 36 V<sub>DC</sub>
- **Anti-Shock:** 20 G @ DIN IEC 68 section 2-27, half sine, 11ms  
50 G @ Wall/Panel IEC 68 section 2-27, half sine, 11ms
- **Anti-Vibration:** 2 G w/CF @ IEC 68 section 2-6, sine, 5~500 Hz, 1 Oct./min, 1hr/axis  
1 G w/HDD @ IEC 68 section 2-6, sine, 12~300 Hz, 1 Oct./min, 1hr/axis
- **Operating Temperature:** -10 ~ 55° C (14 ~ 131° F) @ 5~85% related humidity
- **Related Humidity:** 95% @ 40° C
- **Power Consumption:** 0.6 A max under +24 V power input or 1.2 A max under +12 V power input
- **Power Requirement:** 1 A typical under +24 V power input or 1.5 A typical under +12 V power input
- **Chassis Size:** 188.8 mm (W) x 106.5 mm (L) x 35.5 mm (H) (7.5" x 4.2" x 1.4")
- **Weight:** 0.8 kg

**Software**

- **OS:** Windows®CE .NET, Linux

**Ordering information**

- **UNO-2059-GDA1**  
GX1-300 Universal Network Controller with 64 MB SDRAM, PC Card, LAN, 2 x USB, 2 x RS-232/485, 2 x RS-232/422/485
- **UNO-2059CE-GDA1**  
GX1-300 Universal Network Controller with 64 MB SDRAM PC Card, LAN, 2 x USB, 2 x RS-232/485, 2 x RS-232/422/485 and Window CE .NET 4.1 OS.
- **UNO-2059-HDA1**  
GX1-300 Universal Network Controller with 128 MB SDRAM, PC Card, LAN, 2 x USB, 2 x RS-232/485, 2 x RS-232/422/485

**UNO-2160  
C4-400 Universal Network Controller with 2xRS-232, 2xRS-232/422/485, 2xLAN and PC/104 Extension**

**Hardware**

- **CPU:** VIA C3-400 MHz, 256 MB SDRAM on board
- **VGA/Keyboard/Mouse:** DB-15 VGA Connector, PS/2 keyboard & mouse
- **Serial Port:** 2 x RS-232, 2 x RS-232/RS-422/485 with DB-9 connector
  - automatic RS-485 data flow control
  - Speed: RS-232: 50 ~ 115.2 Kbps; RS-422/485: 50 ~ 921.6 Kbps
- **LAN:** dual 10/100 Base-R RJ-45 ports
- **USB Interface:** two USB ports, USB UHCI, Rev. 1.1 compliant
- **PC Card:** one PC card slot
  - support cardbus (card-32) card and 16-bit (PCMCIA 2.1/JEIDA4.2) card
  - support +5 V, +3.3 V and +12 V @ 120 mA working power
- **Printer Port:** one printer port
- **PC/104:** two PC/104 extension (option)
- **SSD:** one internal type I/type II CompactFlash card slot
- **HDD:** offer HDD extension kit for installation of one standard 2.5" HDD (option)
- **LED:** power LED, IDE LED and two programmable diagnostic LED and buzzer.
- **Power Supply:** 9 ~ 36 V<sub>DC</sub>
- **Anti-Shock:** 20 G @ DIN IEC 68 section 2-27, half sine, 11ms  
50 G @ Wall/Panel IEC 68 section 2-27, half sine, 11ms
- **Anti-Vibration:** 2 G w/CF, 1G w/HDD @ IEC 68 section 2-6, sine, 5~500 Hz, 1 Oct./min, 1hr/axis
- **Operating Temperature:** -10 ~ 55° C (14 ~ 131° F) @ 5~85% related humidity
- **Related Humidity:** 95% @ 40° C
- **Power Consumption:** Max. 35 W
- **Chassis Size:** 225 mm (W) x 155 mm (L) x 50 mm (H) (8.9" x 6.1" x 2.0")
- **Weight:** 1.6 kg

**Software**

- **OS:** Windows®XP Embedded, Windows 95/98/NT/2000/XP, Linux

**Ordering Information**

- **UNO-2160-IDA0**  
686-based Universal Network Controller with 256MB SDRAM, 2xRS-232, 2xRS-232/422/485, 2xLAN, USB, PC Card and PC/104 Extension

WebLink  
WebOT 1

IPPC &  
AWS 2

TPC 3

FPM 4

IPC 5

UNO-  
2000 6

ICOM 7

DA&C 8

cPCI 9

ADAM-  
3000 10

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