



### UNO-2041

486 UNO with PC/104, 2 x RS-232, 2 x RS-232/485

#### Hardware:

- CPU: On-board 486-66 MHz with 32 MB EDO RAM on board
- VGA/Keyboard/Mouse: Mini 6-pin VGA connector, PS/2 keyboard and mouse connector
- Serial Port: 2 x RS-232, 2 x RS-232/485 interfaces with auto flow control function
  - Automatic RS-485 data flow control
  - RS-232/485 speed: 50 ~ 115.2Kbps
- LAN: One 10/100 Base-T RJ45 Port
- PC/104: One PC/104 interface
- SSD: One internal and one external Type I / Type II CompactFlash™ card slots
- Watchdog timer: Programmable, 1.6 second interval
- LED: One power LED, one IDE LED
- Power supply voltage: 12-30 V<sub>DC</sub>
- Max. Power Requirements: +24 V<sub>DC</sub> @ 0.5 A
- Operating temperature: 0 ~ 50° C (0 ~ 122° F)
- Chassis size:
  - No PC/104: 188.8 mm (W) x 106.5 mm (L) x 35.5 mm (H) (7.5" x 4.2" x 1.4")
  - With PC/104: 188.8 mm (W) x 106.5 mm (L) x 56.3 mm (H) (7.5" x 4.2" x 2.3")
- Weight: No PC/104: 0.7 kg; With PC/104: 0.8kg

#### Software:

- OS: Windows® CE .NET
- Driver Support: COM port DLL Driver, Modbus/TCP, Modbus/RTU DLL Drivers. Advantech PC/104 I/O and communication modules DLL Driver and configuration utility, WLAN-9030 Driver and utility

### Ordering Information

- UNO-2041: 486 UNO with PC/104, LAN, 2 x RS-232, 2 x RS-232/485 hardware
- UNO-2041CE: 486 UNO with PC/104, LAN, 2 x RS-232, 2 x RS-232/485 and WinCE OS



### UNO-2050

GX1-300 UNO with 2 x LAN, 2 x RS-232, 2 x isolated RS-232/422/485, 16 x isolated DI/O

#### Hardware:

- CPU: NS Geode GX1-300 MHz w/ 64 MB SDRAM on board
- VGA/Keyboard/Mouse: DB-15 VGA Connector, PS/2 KB & MS
- Serial Port: 2 x standard RS-232, 2 x isolated RS-232/RS-422/485
  - Automatic RS-485 data flow control
  - RS-232/422/485 2000 V<sub>DC</sub> surge protection & 2000 V<sub>DC</sub> isolation
  - Speed: RS-232: 50 ~ 115.2 Kbps; RS-422/485: 50 ~ 921.6Kbps
- 8-ch isolated digital input:
  - 2,000 V<sub>DC</sub> isolation, 2,000 V<sub>DC</sub> ESD protection and 70 V<sub>DC</sub> over-voltage protection
  - 0 ~ 50 V<sub>DC</sub> input range and 10 KHz speed; Interrupt handling
  - 8-ch isolated digital output:
    - 2,000 V<sub>DC</sub> isolation and 200 mA max / channel sink current
    - Keep output status after system hot resets
    - 5 ~ 40 V<sub>DC</sub> output range and 10 KHz speed
- Two 16-bit counter timer:
  - Counter source: D16 & D17, Pulse output: DO6 & DO7
  - Can be cascaded as one 32-bit counter/timer; speed: 10 KHz
  - Down counting, Presrt counting value, Interrupt handling
  - Timer time base: 100 KHz, 10 KHz, 1 KHz, 100 Hz
- LAN: Dual 10/100 Base-R RJ-45 Port
- SSD: One internal Type I / Type II CompactFlash card slot
- LED: Power LED, IDE LED and one system diagnostic LED
- Power supply: 9 ~ 36 V<sub>DC</sub>
- 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
- Operating temperature: 0 ~ 55° C (0 ~ 131° F)
- Chassis size: 188.8 mm (W) x 106.5 mm (L) x 35.5 mm (H) (6.5" x 4.2" x 1.4")
- Weight: 0.8 kg

#### Software:

- OS: Windows® CE .NET
- Driver Support: COM port DLL Driver, Modbus/TCP, Modbus/RTU DLL Drivers. DLL Driver and configuration utility

### Ordering Information

- UNO-2050CE: GX1-300 UNO with 2xLAN, 2xRS-232, 2 x isolated RS-232/422/485, 16 x isolated DI/O and WinCE OS