

# WebLink-2041 486-grade Web-enabled Data Connection with PC/104 Extension

# WebLink-2050 Pentium-grade Web-enabled Data Connection with Isolated DI/DO



## WebLink-2041 486-grade Web-enabled Data Connection with PC/104 Extension

### Hardware

- **CPU:** 486-66 MHz with 32 MB EDO RAM on board
- **VGA/Keyboard/Mouse:** mini 6-pin VGA connector, PS/2 keyboard & mouse
- **Serial Port:** 2 x standard RS-232, 2 x RS-232/485 with 128 bytes FIFOs
  - Automatic RS-485 data flow control
  - Speed: RS-232: 50 ~ 115.2 Kbps; RS-485: 50 ~ 921.6 Kbps
- **LAN:** one 10/100 Base-R RJ-45 Port
- **PC/104:** one PC/104 interface
- **SSD:** one internal and one external Type I/Type II CompactFlash card slot
- **LED:** one power LED and one IDE LED
- **Power Supply:** 10 ~ 30 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 (32 ~ 131° 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:** 0.8 kg

### Software

- **OS:** Windows®CE .NET
- **AP:** Advantech Studio WinCE Runtime v5.1
- **CF:** built-in 64 MB Industrial-grade CompactFlash disk

## Ordering Information

- ☐ **WLink2041-51EA0:** 486-grade Web-enabled Data Connection with PC/104 Extension



## WebLink-2050 Pentium-grade Web-enabled Data Connection with Isolated DI/DO

### Hardware

- **CPU:** NS Geode GX1-300 MHz, 64 MB SDRAM on board
- **VGA/Keyboard/Mouse:** DB-15 VGA Connector, PS/2 keyboard & mouse
- **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 ~ 921.6 Kbps
- **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> overvoltage 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 reset
  - 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, preset 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
- **HDD:** offer HDD extension kit for installation of one standard 2.5" HDD
- **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, 1 G w/HDD @ IEC 68 section 2-6, sine, 5~500 Hz, 10oct/min, 1hr/axis.
- **Operating Temperature:** -10~55° C (14 ~ 131° F) @ 5~85% related humidity
- **Related Humidity:** 95% @ ° 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

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