

WebLink-2050

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**Pentium-grade Web-enabled Gateway
with 16-ch Isolated DI/O**

**Pentium-grade Web-enabled Gateway
with Dual LAN**



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Specifications

- **CPU** NS Geode™ GX1-300MHz, with 64MB SDRAM on-board
- **VGA/Keyboard/Mouse** DB-15 VGA connector, PS/2 keyboard & mouse
- **Serial Port** 2 x standard RS-232 ports
2 x isolated RS-232/422/485 ports
- **8-ch Isolated Digital Input** 2000 V_{DC} isolation, 2000 V_{DC} ESD protection
- 0 ~ 50 V_{DC} input range and 10 kHz speed, Interrupt handling
- **8-ch Isolated Digital Output** 2000 V_{DC} isolation and 200 mA max/channel sink current
- Keep output status after system hot reset
- 5 ~ 40 V_{DC} output range and 10 kHz speed.
- **LAN** 2 x 10/100 Base-T RJ-45 ports
- **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 LED, buzzer
- **Power Supply** 9 ~ 36 V_{DC}
- **Anti-Shock** 20 G @ DIN IEC 68 section 2-27, half sine, 11 ms
50 G @ Wall/Panel IEC 68 section 2-27, half sine, 11 ms
- **Anti-Vibration** 2 G w/ CF @ IEC 68 section 2-6, sine, 5 ~ 500 Hz, 10Oct./min, 1hr/axis
1G w/ HDD @ IEC 68 section 2-6, sine, 12 ~ 300 Hz, 10Oct./min, 1 hr/axis
- **Operating Temperature** -10 ~ 55°C (14 ~ 131°F) @ 5 ~ 85% relative humidity
- **Relative Humidity** 95% @ 40°C
- **Power Consumption** 0.6 A max @ +24 V_{DC} input or 1.2 A max @ +12 V_{DC} input
- **Power Requirement** 1 A typical @ +24 V_{DC} input or 1.5 A typical @ +12 V_{DC} input
- **Chassis size (WxDxH)** 188.8 x 106.5 x 35.5 mm (7.5" x 4.2" x 1.4")
- **Weight** 0.8 kg

Ordering Information

- **WLINK-2050** Pentium-grade Web-enabled Gateway with 16-ch Isolated DI/O
- **PS-DC24-50** 50 watt 24 V_{DC} Power Supply
- **AS1500-CD60** Advantech Studio Development Software (1500 tags)
- **AS4000-CD60** Advantech Studio Development Software (4000 tags)



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Specifications

- **CPU** NS Geode™ GX1-300 MHz, with 64 MB SDRAM on-board
- **VGA/Keyboard/Mouse** DB-15 VGA connector, PS/2 keyboard & mouse
- **Serial Port** 2 x standard RS-232 ports
- **USB Interface** Two USB ports, USB OpenHCI, Rev. 1.0 compliant
- **LAN** 2 x 10/100 Base-T RJ-45 ports
- **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
- **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
- **Power Supply** 10 ~ 30 V_{DC}
- **Anti-Shock** 20 G @ DIN IEC 68 section 2-27, half sine, 11ms
50 G @ Wall/Panel IEC 68 section 2-27, half sine, 11 ms
- **Anti-Vibration** 2 G w/ CF @ IEC 68 section 2-6, sine, 5 ~ 500 Hz, 10Oct./min, 1 hr/axis
1 G w/ HDD @ IEC 68 section 2-6, sine, 12 ~ 300 Hz, 10Oct./min, 1 hr/axis
- **Operating Temperature** -10 ~ 55°C (14 ~ 131°F) @ 5 ~ 85% relative humidity
- **Relative Humidity** 95% @ 40°C
- **Power Consumption** 0.6 A max @ +24 V_{DC} input or 1.2 A max @ +12 V_{DC} input
- **Power Requirement** 1A @ +24 V_{DC} power input
1.5 A @ +12 V_{DC} power input
- **Chassis size (WxDxH)** 188.8 x 106.5 x 35.5 mm (7.5" x 4.2" x 1.4")
- **Weight** 0.8 kg

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- **WLINK-2053** Pentium-grade Web-enabled Gateway with Dual LAN
- **PS-DC24-50** 50 watt 24 V_{DC} Power Supply
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