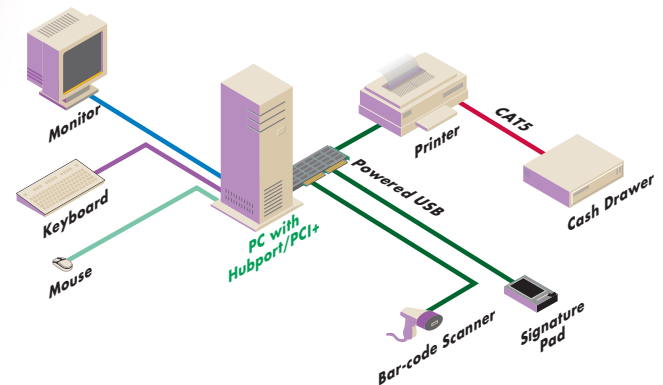


USB Plus Series

Powered USB Solutions

Save space and simplify retail system architecture by eliminating individual power supply bricks for USB peripheral devices.



Features/Benefits

- > Eliminates individual power supply bricks for USB peripheral devices
- > Internal card and external hub solutions for easy application customization
- > Supplies power and communication signals over hot-pluggable USB cable
- > Enables a low-cost, standard PC to become a high-performance retail system
- > Cable locking mechanisms ensure secure connection
- > Compatible with standard USB and powered USB peripheral devices
- > Meets power switching requirements of USB 1.1

Overview

With the proliferation of USB peripheral devices in the point-of-sale (POS) industry, integrators face the challenge of creating an elegant, yet cost-effective retail system that can handle the additional power voltage required for many USB devices like printers, signature capture devices, and bar-code scanners. USB PlusPower, or powered USB, technology was developed as an alternative to externally-powered USB devices. Its unique cabling allows USB devices to receive power from the PC instead of external power supply bricks, maintaining the Plug-and-Play end user experience typical of USB connectivity.

Digi's USB Plus Series makes it easy to add powered USB ports to a standard, low-cost PC, transforming a small footprint CPU into a high-performance retail system. Each solution offers four powered USB ports that are compatible with both standard and powered USB devices. Hubport/4+ is an externally powered hub that connects to a standard USB port. Hubport/PCI+, a card solution, is available in both internally powered and externally powered versions. It utilizes power balancing technology to provide maximum power to 12 volt and 24 volt peripherals without exhausting the PC's five or 12-volt power. For added flexibility, Edgeport/42+ also offers two EIA-232 serial DB-9 ports, allowing the connection of powered USB, standard USB and legacy serial devices in a single box.

Inside Out Networks, a Digi International company, is the leader in enterprise USB connectivity. Digi International, the leader in Connectware, makes device networking easy by developing products and technologies that are cost-effective and easy to use. With over 20 million ports shipped worldwide, Digi has been offering the highest levels of performance, flexibility, and quality since 1985.



Connectware™



Features/Specifications

FEATURES

- External and internal versions with four powered USB ports
 - one @ 24V
 - three @ 12V
- Compatible with standard (type A) and powered USB connectors
- USB 1.0, 1.1 compliant; backwards compatibility for 2.0
- Baud rate: to 12Mbps per USB port
- Plug-and-Play
- Convection cooled design
- Full hardware and software flow control
- Tri-state LED for device status and port activity
- Power management
- Power balancing
- Meets power switching requirements of USB 1.1 specification

Hubport/PCI+

- Universal PCI (3.3V and 5.5V) card
- Four powered USB ports
- Two power options
 - Full internal power
 - External power supply

Hubport/4+

- External to PC
- USB to four powered USB ports
- External power supply

Edgeport/42+

- External to PC
- USB to four powered USB, two EIA-232 serial DB-9 ports
- External power supply

OPERATING SYSTEMS

- Microsoft® Windows XP, XP Embedded
- Microsoft Windows NT 4.0, NT Embedded
- Microsoft Windows CE
- Microsoft Windows 2000, Me
- Microsoft Windows 98, SE
- Microsoft Windows 95

DIMENSIONS

Hubport/4+

- Length: 4.35 in (11.05 cm)
- Width: 7.2 in (18.29 cm)
- Height: 1.75 in (4.45 cm)
- Weight: 10.5 oz (297.67 g)

Edgeport/42+

- Length: 4.35 in (11.05 cm)
- Width: 7.2 in (18.29 cm)
- Height: 1.75 in (4.45 cm)
- Weight: 11 oz (311.84 g)

POWER REQUIREMENTS

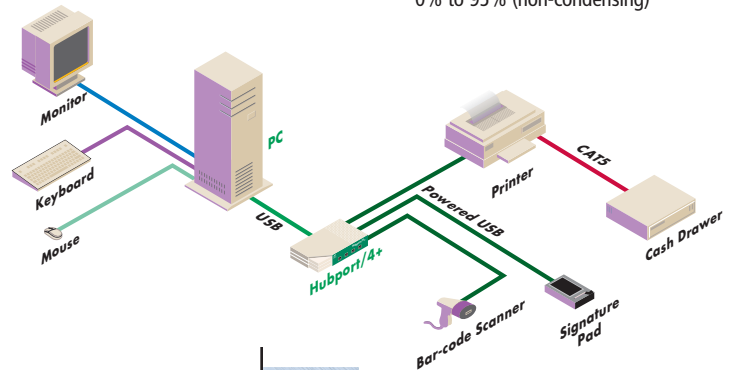
- 100-240V, 50/60Hz, 1.6Amp at 24V @3Amp
- External power supply (72 watt, 90 watt peak) to power 24V port
- 12V ports may be powered by PCI bus

REGULATORY APPROVALS

- FCC Part 15, Class B
- CE
- EN55022
- EN55024
- EN60950
- UL 1950
- CSA 2.2 No. 950
- IEC-950

ENVIRONMENTAL

- Ambient temperature: 0° to 65° C (32° to 149° F)
- Relative humidity: 0% to 95% (non-condensing)



MODEL PART NUMBERS

Model

- Edgeport/42+ (USB to 4-port powered USB hub; 2 serial DB-9; power supply)
- Hubport/4+ (USB to 4-port powered USB hub; power supply)
- Hubport/PCI+ (PCI to 4-port powered USB card; optional power supply sold separately)
- Hubport/PCI+ (PCI to 4-port powered USB card; internally powered)
- Hubport/PCI+ (PCI to 4-port powered USB card with external power supply)
- Hubport/PCI+ Power Supply (optional power supply for 301-1149-01)

North America

- 301-1001-42
- 301-1010-14
- 301-1149-01
- 301-1150-01
- 301-1151-01
- 301-9007-01

International

- 301-2001-42
- 301-2010-14
- 301-1149-01
- 301-1150-01
- 301-2151-01
- 301-9207-01



DIGI SERVICE AND SUPPORT

You can purchase with confidence knowing that Digi is here to support you with expert technical support and a strong five-year warranty. <http://support.digi.com>

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