



3 Slot 64 Bit/33MHz PCI Expansion

64 Bit/33MHz PCIe-to-PCI, PCI-to-PCI, ExpressCard-to-PCI or Cardbus-to-PCI

Model PE3R and PE3R-3,3V



Enjoy the benefit of a new computer while protecting your investment in PCI hardware

- Compatible with practically any computer ranging from laptop to desktop computers
- Attach standard size PCI card to computers with low-profile PCI slots, or only PCI Express slots
- Attach standard size PCI card to laptops through PCMCIA or ExpressCard
- Rackmountable 2U enclosure with quiet fans

WUNTRONIC

Need to upgrade your server or desktop computer? Don't want to lose your investment in your specialized PCI cards that won't fit in your new computer? You can install practically any PCI card into the PCI Expansion System and connect it through a PCI Express slot on your computer.

Prolong your investment

The 3 Slot PCI Expansion System provides a simple, cost-effective solution for expanding the capability practically any computer, especially as PCI Express becomes the industry standard, the number of available PCI slots has been reduced or completely eliminated. Many companies have invested a lot time, energy and money in solutions built around conventional PCI hardware. The 3 Slot PCI Expansion System provides a safe "migration path" to PCI Express while protecting your investment in PCI cards.

Easy Installation

The expansion chassis consists of a host interface card, a cable and a chassis. The expansion chassis is automatically configured by the System BIOS making all of the slots appear transparent within the host computer.

Cost-Effective Migration and Increased I/O Capacity

This expansion solutions provide a cost-effective migration path to new computers while maintaining a consistent PCI configuration. In addition, this products significantly increase (I/O) capacity and scalability. Multiple expansion systems can be combined to provide an almost unlimited number of PCI slots* to a single computer. This type of scalability is especially useful



Applications

- Medical Imaging (Framegrabber)
- Camera Interface
- Video Processing
- Military
- Aerospace
- Industrial Automation/Control
- Test & Measurement
- Audio Editing

Multiple host interface cards provide easy connection to practically any computer

Desktop and Server Connections (PCI and PCI Express®)



or



Laptop Connections (CardBus and ExpressCard)



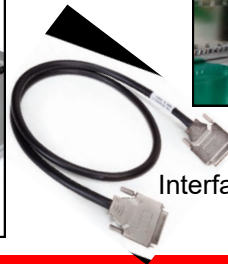
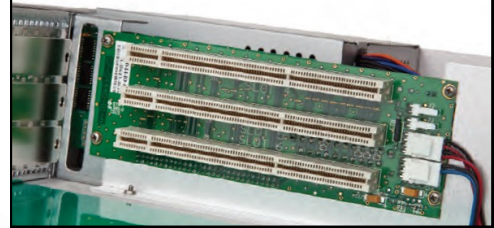
or



Easy expansion solution for laptops with optional ExpressCards for connection to laptops.



Add three PCI slots for any type of PCI card



Interface Cable

Benefits:

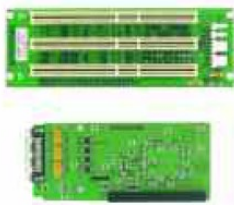
- Increase number of PCI slots without replacing your computer
- Attach full-height PCI cards to computers with low-profile slots
- The only solution for adding multiple PCI cards to mobile computers
- Multiple expansion systems can be connected to a single computer
- Multiple expansion systems can be connected to a single computer
- Keep your PCI configuration consistent making computer upgrades easy
- Proven method to increase PCI capability without losing performance

Features:

- Connects to desktop and laptop computers
- 3 slot PCI 64-bit Backplane
- All slots support full-length or shorter universal and legacy 5 volt only PCI cards (optional 3.3V only available)
- Quiet cooling for hot PCI cards
- All Slots support full length (12.283") or shorter PCI cards
- Versatile black enclosure can be rack-mounted or stacked on a tabletop under your computer or monitor
- Only 2U when rack-mounted and brackets are included
- Non-enclosed board sets are available for OEMs and System Integrators to utilize their own enclosure
- CE certified and FCC Class A verified
- RoHS Compliant

Non-Enclosed Board Sets for OEMs

Backplane and Integrated Expansion Interface



3-Slot PCI Expansion board set

Host Connections



or



or



Order Informations OEM version:

Order number	Model	Description	Order number	Model	Description
WM1-900-200	CB264NE	3-Slot PCI Expansion board set include 1 meter Interface	WM1-125-130	SUB-CBHIF68	Standard PCI host card option
			WM1-125-140	SUB-HIFX1	x1 PCI Express® host card option
Host Interface options			WM1-125-150	SUB-PCIHIF32LP	Low Profile PCI host card option
WM1-125-100	SUB-CBHIF	CardBus (PCMCIA) host card option	Cable options		
WM1-125-120	SUB-EC34	ExpressCard/34 host card option	WM1-200-100	SUB-CBL1.5	1.5 meter cable instead the standard 1 meter
			WM-202-100	CBLCB1XLR	power cord for DC power connection, barrel connector to male XLR-4



PE3R - Top View

1. Three PCI slots
2. Insulator shield (ESD protection for PCB)
3. Cooling fan
4. 550 watt power supply
5. Interface Cable
6. Host interface cards



PE3R - Rear View

7. PCI card slot opening
8. Cable connector to host computer
9. Power cord socket



Specifications:		
Backplane	Host Connections and Power Consumption	System Cooling
3 PCI slot (64-bit/33MHz) PCI Local Bus Specification: Revision 2.2 PCI Bridge Architecture Specification: Revision 1.2	Universal PCI 32/33: 0.63W max; 5V @ 0.125A; Low Profile PCI (64/33): 0.86W max; 3.3V @ 0.25A x1 PCI Express®: 0.69W max; 3.3V @ 0.21A CardBus (PCMCIA): 0.42W max; 3.3V @ 0.125A ExpressCard: 0.81W max; 3.3V @ 0.21A; 1.5V @ 0.08A	One 28CFM fans One 28CFM fan in power supply
Cable	Power Supply	Regulatory Compliance
1-meter PCI expansion cable Optional 1.5-meter length	AC Input 100—240 VAC, 10,0 A Input Frequency 50—60 Hz DC Output 550 Watts Max	
Interconnect Bandwidth		FCC Class A Verified RoHS Compliant CE Certified
255 MB/sec	+3.3V 28.0 A Max +5V 36.0 A Max +12V 36,0 A Max -12V 3,0 A Max +5VSB 3,0 A Max 200W maximum 5V and 3,3 combined	
Enclosure	Environmental	Supported Operating Systems
2U Black Rack-mount (Steel/Aluminum) 13.1"W x 3.5"H x 16.4"D (332,74mmxBx88,9 mm Hx416,56mm T) 9lbs or 4.086 kg	Ambient Temperature: 0° to 50° C, Storage Temperature: -20° to 60 Relative Humidity: 5% to 85%, non-condensing	Windows MacOS Linux Kernel Solaris
MTBF		Warranty
100.000 hours		1 year return to factory

Order Informations:					
Order number	Model	Description	Order number	Model	Description
WM1-100-260	PE3R	3 Slot PCI Expansion System (please select one SUB-XXXX Interface)	WM1-125-130	SUB-CBHIF68	Standard PCI host card option
WM1-100-265	PE3R-3.3V	3 Slot PCI Expansion System (with 3.3 V keyed slots) (please select one SUB-XXXX Interface)	WM1-125-140	SUB-HIFX1	PCI Express® host card option
Host Interface options			Options		
WM1-125-100	SUB-CBHIF	CardBus (PCMCIA) host card option	WM1-200-100	SUB-CBL1.5	1.5 meter cable instead the standard 1 meter
WM1-125-120	SUB-EC34	ExpressCard/34 host card option			