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[Industrial Single Board Computer - Passive Backplane](#) / **SL-4U-SBC-Q87-HA**

SL-4U-SBC-Q87-HA

A newer version of this item is available: [SL-4U-SBC-Q370-HA](#)

4U Rack Mount Industrial PC - Rackmount featuring Long Production Cycle Motherboard (Through Q2 2020) with Intel Q87 Chipset, 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell'), 2x GB (10/100/1000) LAN, HDD or SSD, 5x Serial, Up to 16GB RAM, 10x USB 2.0, 4x USB 3.0, 12x Expansion Slots, 400W Power Supply



\$1235.00

Type:

4U Rack Mount Industrial PC
Depth: 17.70", Max Card Depth: 12.28", Locking Front Bezel

Motherboard:

Featuring Intel Q87 Chipset and 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell') processor
Long Production Cycle Motherboard (Through Q2 2020)

Full Height Slots:

1 - PCIe x16

3 - PCIe x1

8 - PCI

LAN: 2x GB (10/100/1000)

RAID: 0,1,5,10

Video: VGA

Audio: 2-channel HD Audio by Realtek® ALC262

Ports:

10x USB 2.0 Ports (2 Front 8 via internal headers)
 4x USB 3.0 Ports (2 Rear, 2 via internal headers)
 5x COM Ports (4 on Headers, 1 RS232/422/485 on Headers)
 1x Parallel Port (Headers)
 See specifications for more ports
Operating Temperature: 0°C to 60°C (32°F to 140°F)

Also Included:

Processor: G1820 - 2.7GHz Intel Dual Core Celeron CPU - 2MB Cache, HD Graphics (53W)
 (ERM) - [Upgradeable](#)
Memory: 4GB DDR3 1600MHz RAM - [Upgradeable](#)
Hard Drive: 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue - [Upgradeable](#)
Power Supply: 400W Power Supply - [Upgradeable](#)
Operating System: Not Included - [See options below](#)
Warranty: One-Year Depot Warranty - [Upgradeable](#)

Configure Technical Specifications Available Downloads

[Expedite](#) | [Processor](#) | [Memory](#) | [Backplane](#) | [CD/DVD/OpticalDrive](#) | [Removable Drive Bay](#) | [Hard Drive](#)
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[Mounting Option](#) |

Expedite

None	Included
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Rush Order - Ships in 3-4 business days, normal lead time is 7-9 business days.	+\$100.00
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Processor

G1820 - 2.7GHz Intel Dual Core Celeron CPU - 2MB Cache, HD Graphics (53W)	
(ERM)	Included

G3420 - 3.2GHz Intel Pentium Dual Core CPU - 3MB Cache, HD Graphics (53W)	
(ERM)	+\$49.00

i5-4570S - 2.9GHz (up to 3.6GHz) Intel Quad Core CPU - 6MB Cache, HD Graphics 4600 (65W) (ERM)	+\$275.00
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i7-4790S - 3.2GHz (up to 4.0GHz) Intel Quad Core CPU - 8MB Cache, HD Graphics 4600 (65W) (ERM)	+\$456.00
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Memory

1	x 4GB DDR3 1600MHz RAM	Included
1	x 8GB DDR3 1600MHz RAM	+\$26.00

Backplane

PICMG 1.3 Backplane with 1 x PCIe x16, 3 x PCIe X1 and 8 x PCI Slots	Included
PICMG 1.3 Backplane with 10 x PCI, 1 x PCIe x4, 1 x PCIe x16 Slots	+\$17.00
PICMG 1.3 CPU card slot, 1 x PCIe x4 slot, 1 x PCIe x16 slot, and 10 x 32bit/33MHz PCI slots	+\$39.00
PICMG 1.3 Backplane with 1 x PCI-E x16, 7 x PCI-E X1 and 4 x PCI Slots	+\$66.00
PICMG 1.3 Backplane with 13 PCI Slots	+\$68.00
PICMG 1.3 Backplane with 1 x PCIe x16, 5 x PCIe X4 and 6 x PCI Slots	+\$199.00

CD/DVD/Optical Drive

None	Included
External USB DVD ReWriteable Drive	+\$51.00
5.25" CD/DVD Burner	+\$21.00
5.25" 16x Readable & ReWriteable Blu-Ray Drive	+\$118.00

Removable Drive Bay

0	x Aluminum SATA 3.5" Hard Drive Removable Bay.	\$49.00 each
0	x Replacement Caddy for SL-HDD-MR-SATA-MIL HDD Rack	\$30.00 each
0		
0	x 3 x 3.5" Hot-swap SATA HDD Bays (Requires Two 5.25" External Bays)	\$114.00 each
0		
0	x Add 5 x 3.5" Hot-swap SATA HDD Bays - Requires 3 x 5.25" External Bays	\$187.00 each

x Add an Enterprise 2 x 2.5" SATA Hard Drive or SSD Mobile Rack with Full Metal

Construction with Lock **\$65.00 each**x Replacement Tray for SL-HDD-MR-1FDD-2SSD..7-9.5mm Height, **\$24.00 each**

x Full Metal 4 x 2.5" Hard Drive in 1 x 5.25" bay SAS / SATA 6Gb Hot Swap Backplane

Cage **\$156.00 each**

~~x Full Metal 4 x 2.5" Hard Drive in 1 x 5.25" bay SAS / SATA 6Gb Hot Swap Backplane Cage~~~~with Locks **\$165.00 each**~~

Hard Drive

1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue	Included
1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Black	+\$45.00
2.0TB SATA 6Gb/s 7200RPM 64MB 3.5" - WD Black	+\$91.00
120GB SSD SATA 6.0Gb/s, 520/320MB/s read/write (or greater)	-\$24.00
250GB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO	+\$21.00
500GB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO	+\$54.00
1.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 QVO	+\$80.00
1.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO	+\$114.00
2.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 QVO	+\$265.00
2.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO	+\$364.00
256GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO	+\$61.00
512GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO	+\$111.00
1.0TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO	+\$295.00
2.0TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO	+\$584.00

Additional Hard Drives

x 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue **\$75.00 each**

x 1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Black **\$120.00 each**

x 2.0TB SATA 6Gb/s 7200RPM 64MB 3.5" - WD Black **\$166.00 each**

x 4.0TB SATA 6Gb/s 7200RPM 256 MB 3.5" - WD Black **\$257.00 each**

x 2.0TB SATA 6.0Gb/s 5400 RPM 64 MB 3.5" - WD Red - Optimized for 2-8 drive RAID and
NAS **\$142.00 each**

x 4.0TB SATA 6.0Gb/s 5400 RPM 64 MB 3.5" - WD Red - Optimized for 2-8 drive RAID and
NAS **\$175.00 each**

x 4.0TB SATA 6Gb/s 5400RPM 64 MB 3.5" - WD Purple for Surveillance

Storage **\$170.00 each**

x 6.0TB SATA 6Gb/s 5400RPM 64 MB 3.5" - WD Purple for Surveillance

Storage **\$240.00 each**

x 120GB SSD SATA 6.0Gb/s, 520/320MB/s read/write (or greater) **\$51.00 each**

x 250GB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO **\$96.00 each**

x 500GB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO **\$129.00 each**

x 1.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO **\$189.00 each**

x 2.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO \$439.00 each

x 4.0TB SSD SATA 6.0Gb/s 550/520MB/s 2.5" - Samsung 860 EVO \$899.00 each

x 256GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO \$136.00 each

x 512GB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO \$186.00 each

x 1.0TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO \$370.00 each

x 2.0TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO \$659.00 each

x 4.0TB SSD SATA 6.0Gb/s 560/530MB/s 2.5" - Samsung 860 PRO \$1,362.00 each

Raid Controller

None	Included
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Configure RAID 0 (Striping) - REQUIRES 2 DRIVES OF SAME MODEL AND SIZE.	+\$0.00
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Configure RAID 1 (Mirroring) - REQUIRES 2 DRIVES OF SAME MODEL AND SIZE.	+\$0.00
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Configure RAID 5 (Striping w/ Distributed Parity) - REQUIRES 3 DRIVES OF SAME MODEL AND SIZE.	+\$0.00
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Configure RAID 10 (Striping across Mirrors) - REQUIRES 4 DRIVES OF SAME MODEL AND SIZE.	+\$0.00
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Cable

x Add 1 16in DB25 Parallel Female to IDC 25 Pin Header Slot Plate \$4.00 each

x 2 x COM Port (Serial ports) RS232 Cable, 9-pin, w/ Standard-Height Bracket **\$8.00**
each

x Add 2 USB 2.0 Ports via connections from onboard header. **\$7.00 each**

x Add 4 USB 2.0 Ports via connections from onboard header. **\$8.00 each**

x Add a DVI-D port to SHB-series SBC system **\$20.00 each**

Plug-In Boards

None Included

Single Port RS-232 DB9 Serial PCI-Express 2.0 x1 Card, Full Height and Low Profile **+\$24.00**

Serial PCIe Card - 2 Ports, Full Height and Low Profile **+\$23.00**

Serial PCIe Card - 1 Port, RS-232 25pin 16550 UARTs - Full Height **+\$69.00**

Parallel PCIe Card - 1 Port, Full Height **+\$24.00**

Parallel PCIe Card with EPP mode - 1-Port, Full Height **+\$61.00**

4-port USB 2.0 PCI Express Card - 3 External and 1 Internal Ports, low profile supported **+\$50.00**

4-Port USB 3.0 PCI Express Card - 4 External - Low Profile Supported **+\$24.00**

FireWire 400 PCIe x1 - 2 Ports (1394a) - Full Height or Low Profile **+\$57.00**

FireWire 800 PCIe x1 - 3 Ports (1394b) - Full Height or Low Profile **+\$80.00**

FireWire 800 PCIe x1 - 3-port FireWire 800 - 2 x 9-pin IEEE 1394b, 1 x 6-pin IEEE 1394b - Full Height **+\$85.00**

Add-In Graphic Card

None Included

NVIDIA GeForce GT 1030 2GB 64-bit GDDR5 PCIe 3.0 x16 (x4 active) Video Card - Low Profile Capable - **+\$161.00**

NVIDIA GeForce GTX 1050 DX12 2GB 128-Bit GDDR5 PCIe 3.0 x16, - Requires 300W PSU **+\$228.00**

NVIDIA GeForce GTX 1050 Ti DX12 4GB 128-Bit GDDR5 PCIe 3.0 x16 - Requires 300W PSU **+\$374.00**

NVIDIA GeForce GTX 1660 DX12 6GB 192-Bit GDDR5 PCIe 3.0 x16, VR Ready - Requires 450W PSU **+\$365.00**

NVIDIA GeForce GTX 1660Ti DX12 6GB 192-Bit GDDR6 PCIe 3.0 x16, VR Ready - Requires 450W PSU **+\$443.00**

NVIDIA GeForce RTX 2060 DX12 6GB 192-Bit GDDR6 PCIe 3.0 x16, VR Ready - Requires 500W PSU **+\$563.00**

NVIDIA GeForce RTX 2070 8GB 256-Bit GDDR6 PCIe 3.0 x16, VR Ready - Requires 550W PSU **+\$854.00**

NVIDIA GeForce RTX 2080 8GB 256-Bit GDDR6 PCIe 3.0 x16, VR Ready - Requires 650W PSU **+\$1015.00**

NVIDIA GeForce RTX 2080 Ti 11GB 352-Bit GDDR6 PCIe 3.0 x16 SLI Support, Real-Time Ray Tracing, VR Re **+\$1739.00**

NVIDIA NVS 810 4GB 128-bit DDR3 PCIe 3.0 x16 HDCP Ready Workstation Video Card - Requires 300W PSU - **+\$869.00**

NVIDIA Quadro P400 2GB GDDR5 PCIe 3.0 x16 Workstation Video Card - 3 x Mini DisplayPort 1.4 **+\$174.00**

NVIDIA Quadro P620 2GB GDDR5 PCIe 3.0 x16 Workstation Video Card - 4 x Mini DisplayPort 1.4 **+\$260.00**

NVIDIA Quadro P1000 4GB 128-bit GDDR5 PCIe 3.0 x16 Workstation Video Card - 4 x Mini DisplayPort 1.4 **+\$428.00**

NVIDIA Quadro P2000 5GB 160-bit GDDR5 PCIe 3.0 x16 Workstation Video Card - 4 x DisplayPort 1.4 **+\$608.00**

NVIDIA Quadro P4000 8GB 256-bit GDDR5 PCIe 3.0 x16 Workstation Video Card - 4 x DisplayPort 1.4 + S **+\$1068.00**

NVIDIA Quadro P5000 16GB 256-bit GDDR5 PCIe 3.0 x16 Workstation Video Card - 4 x DisplayPort 1.4 + **+\$2449.00**

NVIDIA Quadro P6000 24GB 384-bit GDDR5X PCIe 3.0 x16 Workstation Video Card - 4 x DisplayPort 1.4 + **+\$6308.00**

Networking

x USB 2.0 Mini Dual Band Wireless-AC Network Adapter **\$43.00 each**

x PCIe x1 Dual-Band AC1200 Wi-Fi Adapter Featuring Bluetooth 4.2 IEEE 802.11ac, IEEE 802.11a/b/g/n, Up **\$54.00 each**

x PCIe x1 Dual-Band Wireless-AC Adapter IEEE 802.11a/b/g/n/ac - Low Profile

Support **\$60.00 each**

0

x PCIe x1 Single Port Network Adapter 10/100/1000Mbps - Full Height or Low

Profile \$44.00 each

0

x PCIe x4 Dual Port Network Adapter 10/100/1000Mbps - Full Height or Low

Profile \$180.00 each

0

x PCIe x4 Quad Port Network Adapter 10/100/1000Mbps - Full Height or Low

Profile \$405.00 each

0

x PCIe x4 Single Port Network Adapter 10Gbps - Full Height or Low Profile \$409.00
each

0

x PCIe x4 Dual Port Network Adapter 10Gbps - Full Height or Low Profile \$430.00
each

Power Supply

- 400W Power Supply Included
- 600W Power Supply +\$29.00
- 1200W ATX12V / EPS12V Modular Active PFC Power Supply - 80+ Gold
Certified +\$302.00
- 550 Watt Redundant ATX PS, PFC with Dual AC INPUT design +\$647.00

Operating System

- None Included
- Microsoft Windows Embedded 7 Standard E 32-bit +\$109.00
- Microsoft Windows Embedded 7 Standard E 64-bit +\$109.00
- Microsoft Windows 7 Pro (32 Bit) - For Embedded Systems. Full Version of Windows 7
Pro, But Licensed to Be Used For Single-purpose Embedded Applications. Use of this
software as a workstation or multi-tasking machine is not covered under the license
ag... +\$229.00

Microsoft Windows 7 Pro (64 Bit) - For Embedded Systems. Full Version of Windows 7 Pro, But Licensed to Be Used For Single-purpose Embedded Applications. Use of this software as a workstation or multi-tasking machine is not covered under the license ag... **+\$229.00**

Microsoft Windows 7 Ultimate for Embedded Systems SP1, 64-Bit **+\$249.00**

Microsoft Windows 10 Pro Downgrade to Windows 7 Pro 32-Bit. Included Windows 10 Product Key Only. **+\$219.00**

Microsoft Windows 10 Pro Downgrade to Windows 7 Pro 64-Bit. Included Windows 10 Product Key Only. **+\$219.00**

Microsoft Windows 10 IoT Enterprise 2016 LTSC 64-BIT: ATMs, Medical, Industrial - License For Socketed Intel Celeron, Pentium, i3 and i5 CPUs **+\$124.00**

Microsoft Windows 10 IoT Enterprise 2019 LTSC 64-BIT - License For Socketed Intel Celeron, Pentium, i3 and i5 CPUs (7th Gen Processors and Above Are Not Supported) **+\$124.00**

Microsoft Windows 10 IoT Enterprise 2016 LTSC 64-BIT: ATMs, Medical, Industrial - License For i7, XEON **+\$199.00**

Microsoft Windows 10 IoT Enterprise 2019 LTSC 64-BIT - License For i7, XEON **+\$199.00**

Microsoft Windows 10 Home, 64-Bit **+\$145.00**

Microsoft Windows 10 Professional, 64-Bit **+\$199.00**

Microsoft Windows 10 Pro For Workstation, 64-Bit **+\$409.00**

Ubuntu Desktop Edition Standard (Latest LTS Compatible). Community Support Only. Installation CD Not Included. **+\$35.00**

Ubuntu Server Edition Standard (Latest LTS Compatible). Community Support Only. Installation CD Not Included. **+\$35.00**

RED HAT Enterprise LINUX SERVER **+\$799.00**

Warranty

One-Year Depot Warranty Included

One-Year 8x5 Onsite Warranty (USA/Can) **+\$59.00**

One Year 24x7 Onsite Warranty (USA/Can) **+\$89.00**

One-Year 24x7 Onsite Warranty (International) **+\$119.00**

Two-Year Depot Warranty **+\$99.00**

Two-Year 8x5 Onsite Warranty (USA/Can) **+\$139.00**

Two-Year 24x7 Onsite Warranty (USA/Can) **+\$169.00**

Three-Year Depot Warranty **+\$199.00**

Three-Year 8x5 Onsite Warranty (USA/Can) **+\$239.00**

Three-Year 24x7 Onsite Warranty (USA/Can) **+\$269.00**

Three-Year 24x7 Onsite Warranty (International) **+\$449.00**

Add-On**None Included**

A Pair of Rack Mount Ears for 4U HA Chassis **+\$6.00**

Monitors**None Included**

1U Rackmount 19" Wide Screen (1440X900) LCD drawer (Short Depth: 18.1") with integrated keyboard and **+\$727.00**

1U Rackmount 19" Wide Screen (1440X900) LCD drawer (Short Depth: 18.1") with integrated keyboard and **+\$727.00**

1U Rackmount 17" LCD Keyboard Drawer, USB notebook keyboard & touch pad - Fits racks 23.6" - 32.6" D **+\$767.00**

1U Rackmount LCD Keyboard Drawer, USB notebook keyboard & touch pad - Fits 23.6"- 32.6" Deep Racks **+\$841.00**

1U Rackmount 17" LCD Keyboard Drawer, notebook keyboard &..touch pad, 8 port USB KVM - Fits Racks 24 **+\$1087.00**

1U Rackmount 19" Wide Screen (1440X900) LCD drawer (22.84" deep) with integrated keyboard and touc **+\$1087.00**

1U Rackmount 19" LCD Keyboard Drawer, notebook keyboard &..touch pad, 8 port USB/PS2 KVM - Fits 24" **+\$1201.00**

Keyboard/Mouse**None Included**

USB Keyboard/Mouse - Black/Silver **+\$21.00**

Wireless Keyboard/Mouse **+\$43.00**

1U Short Depth Rackmount keyboard drawer w/ touchpad and latching drawer. 15.7" depth. **+\$254.00**

1U Short Depth Rackmount keyboard drawer w/ trackball and latching drawer. 15.7" depth. **+\$254.00**

1U Keyboard/Touchpad w/ high-quality, full 101 key AT style keyboard. The articulating arm provides **+\$520.00**

External Power**None Included**

Uninterruptable Power Supply - 350VA, 120V AC, 180Watt, USB, 6 outlets **+\$74.00**

Uninterruptable Power Supply - 550VA, 120V AC, 330Watt, USB, 8 outlets **+\$112.00**

Mounting Option

None	Included	
20" - 37" Adjustable Slide Rails - Fits 20" - 26" Racks		+\$43.00
24" - 48" Adjustable Slide Rails - Fits 24" - 34" Racks		+\$48.00
26" - 29" Adjustable Slide Rails - Fits 26" - 39" Racks		+\$55.00

Configured Price

\$1,235.00

Add This To My Cart

Configuration Summary

4U Rack Mount Industrial PC featuring Long Production Cycle Motherboard Through Q2 2020 with Intel Q87 Chipset 4th Gen Core i3/i5/i7 (LGA1150, 'Haswell')

G1820 - 2.7GHz Intel Dual Core Celeron CPU - 2MB Cache, HD Graphics (53W) (ERM)

4GB DDR3 1600MHz RAM

PICMG 1.3 Backplane with 1 x PCIe x16, 3 x PCIe X1 and 8 x PCI Slots

1.0TB SATA 6.0Gb/s 7200RPM 64MB 3.5" - WD Blue

400W Power Supply

One-Year Depot Warranty

External Components

Home (/www.ni.com) > Shop (/shop.html) > Electronic Test and Instrumentation (/shop.html#10503) > GPIB, Serial, and Ethernet (/en-us/shop/select/gpib-serial-and-ethernet-category) > Serial Interface Device

Serial Interface Device



DETAILS

Communicate with and control external serial hardware using interfaces that support a variety of protocols.

This Device offers a number of options for connecting to serial hardware. You can choose from Ethernet, USB, PCI, PCIe, or ExpressCard interfaces to add up to 16 serial ports to your system. You can choose from common serial protocols, such as RS232, RS422, and RS485. The Serial Interface Device also offers various isolation, hyperthreading, and multiprocessor compatibility options. Some models also support 4- and 2-wire transceiver modes for full- and half-duplex communication. NI serial interfaces also appear as standard COM ports for compatibility with programs that use serial communications.

Select Product Item

Add Options

Add Software ()

29 Results

Table Density

Sort by

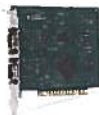
Model

Ascending

Model	Price	Bus Connector	Isolation Type	Number of Serial Channels	Supported Serial Protocols	Supported Power Input
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Select	Select	Select	Select	Select	Select	Select
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PCI-8430/16	\$ 1,521.00	PCI	None	16	RS232	—
PCI-8430/2	\$ 378.00	PCI	None	2	RS232	—



Model: PCI-8430/2

Part Number: 778978-01

Life Cycle Status: Mature (/www.ni.com/life-cycle/hardware.html)

Datasheet & Specifications (/ni/search/app/main/p/ap/tech/lang/en/pg/1/sn/ssnav:spc/aq/pmdmid:122694/)

\$ 378.00

1

VIEW ACCESSORIES

Add to Cart
Request Quote

PCI-8430/4	\$ 568.00	PCI	None	4	RS232	—
PCI-8430/8	\$ 885.00	PCI	None	8	RS232	—
PCI-8431/2	\$ 442.00	PCI	None	2	RS422, RS485	—
PCI-8431/4	\$ 634.00	PCI	None	4	RS422, RS485	—
PCI-8431/8	\$ 950.00	PCI	None	8	RS422, RS485	—
PCI-8432/2	\$ 605.00	PCI	Port-Port Isolation	2	RS232	—
PCI-8432/4	\$ 760.00	PCI	Port-Port Isolation	4	RS232	—
PCI-8433/2	\$ 568.00	PCI	Port-Port Isolation	2	RS422, RS485	—
PCI-8433/4	\$ 826.00	PCI	Port-Port Isolation	4	RS422, RS485	—
PCIe-8430/16	\$ 1,821.00	PCI Express	None	16	RS232	—
PCIe-8430/2	\$ 378.00	PCI Express	None	2	RS232	—
PCIe-8430/8	\$ 885.00	PCI Express	None	8	RS232	—
PCIe-8431/16	\$ 1,845.00	PCI Express	None	16	RS422, RS485	—
PCIe-8431/2	\$ 442.00	PCI Express	None	2	RS422, RS485	—
PCIe-8431/8	\$ 950.00	PCI Express	None	8	RS422, RS485	—
PCIe-8432/2	\$ 605.00	PCI Express	Port-Port Isolation	2	RS232	—

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OK

Model	Price	Bus Connector	Isolation Type	Number of Serial Channels	Supported Serial Protocols	Supported Power Input
		Select	Select	Select	Select	Select
PCIe-8433/2	\$ 568.00	PCI Express	Port-Port Isolation	2	RS422, RS485	—
USB-232	\$ 183.00	USB 2.0	None	1	RS232	—
USB-232/2	\$ 428.00	USB 2.0	None	2	RS232	—
USB-232/4	\$ 618.00	USB 2.0	None	4	RS232	—
USB-485	\$ 183.00	USB 2.0	None	1	RS422, RS485	—
USB-485/2	\$ 491.00	USB 2.0	None	2	RS422, RS485	United States 120VAC
USB-485/4	\$ 612.00	USB 2.0	None	4	RS422, RS485	Korea 220VAC
USB-485/4	\$ 612.00	USB 2.0	None	4	RS422, RS485	China 220VAC
USB-485/4	\$ 618.00	USB 2.0	None	4	RS422, RS485	North America 240VAC
USB-485/4	\$ 678.00	USB 2.0	None	4	RS422, RS485	United States 120VAC
USB-485/4	\$ 678.00	USB 2.0	None	4	RS422, RS485	Universal Euro 240VAC

RELATED PRODUCTS



(gpiib-instrument-control-device)

GPIB Instrument Control Device

(gpiib-instrument-control-device)

Starting from \$ 690.00

Integrates an instrument into your system using a GPIB interface.

PRODUCT

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GPIB Instrument Control Device



DETAILS

ment into your system using a GPIB interface.

ontrol Devices offer IEEE 488 controllers that are compatible PMC, PCMCIA, PCIe, PCI, and USB slots as well as Ethernet, RS485, RS422, and RS232 ports. Some models can control multiple GPIB devices, and others offer sustained data transfer rates and no microprocessor interruption in data transfers. GPIB Instrument Control Devices include a license for the NI-488.2 driver software, providing maximum reliability for connecting to third-party instruments via GPIB. The devices are completely IEEE 488.2 compatible, have industry-standard transfer rates, and offer easy system configuration through NI software.

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Table Density

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Model	Price	Bus Connector	Low Profile	Supported Operating System	Onboard GPIB Analyzer	Supported Power Input	Supported Serial Protocols	Front End Connection
PCI-8232	\$ 968.00	PCI	No	Windows	No	—	—	24-Pin, Female GPIB (IEEE 488), Ethernet
PCI-GPIB	\$ 886.00	PCI	No	Windows	No	—	—	24-Pin, Female GPIB (IEEE 488)
 Model: PCI-GPIB Part Number: 778032-01 Life Cycle Status: Mature (/www.ni.com/life-cycle/hardware.html)  Datasheet & Specifications (http://www.ni.com/pdf/manuals/370426r.pdf) \$ 886.00 1 VIEW ACCESSORIES Add to Cart Request Quote QTY 2								
PCI-GPIB	\$ 886.00	PCI	No	Linux	No	—	—	24-Pin, Female GPIB (IEEE 488)
PCI-GPIB	\$ 886.00	PCI	Yes	Windows	No	—	—	24-Pin, Female GPIB (IEEE 488)
PCI-GPIB+	\$ 1,369.00	PCI	No	Windows	Yes	—	—	24-Pin, Female GPIB (IEEE 488)

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Device for PXI Remote Control

PRODUCT DETAILS [Configure A Custom NI System](#)
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Control PXI and PXI Express systems from a remote controller, rack-mount or your PC.

PXI Remote Control can control hardware or systems over cabled computer with an ExpressCard or PCI slot. It provides a copper cable or fiber-optic cable link to the remote control module used for PXI system control. The link is transparent to software applications and drivers, which allows computers and servers to control connected devices with no additional programming. With Devices for PXI Remote Control, you can use PXI modules as if they are PCI devices directly installed in the computer.

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Table Density



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Model	Price	Bus Connector	MXI Communication Level	Supported Cable Type	Number of MXI Ports
PCI-8361	\$ 741.00	PCI	MXI-Express x1	Copper	1



Model: PCI-8361
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Learn more about the TP-Link TG-3269

Model	
Brand	TP-Link
Model	TG-3269
Details	
Standards	IEEE 802.3, 802.3u, 802.3ab, 802.3x, 802.1q, 802.1p
Speed	10/100/1000Mbps
Connectors	1 x RJ45
Interface	PCI
BUS	32-bit PCI
LEDs	1000Mbps Link/Act, 100Mbps Link/Act, 10Mbps Link/Act
Temperature	0°C ~ 40°C
Humidity	10 % ~ 90 % (Non-condensing)
Features	
Features	System Requirements: Me/NT/2000/XP/Vista/7, Linux/N

Flow Control: IEEE 802.3x Flow Control (Full-Duplex)
Supports IEEE 802.1P, IEEE 802.1Q VLAN tag
Supports Jumbo Frame
Provides Bootrom slot, supporting remote boot
Supports ACPI, PCI power management
Contain two large independent receive and transmit FI
One STP/UTP connector

Dimensions & Weight

Weight	2
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Packaging

Package Contents	Network Adapter Resource CD Quick Installation Guide
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