



MULTIPORT
SERIAL CARDS

DIGI NEO®

Flexible serial cards deliver reliable, cost-effective and high performance serial port expansion in one of the smallest form factors available

Digi Neo multiport serial cards are designed for reliable serial port expansion in tight workspaces and specialized server/PC environments. They are ideal for point-of-sale, industrial automation, factory control, kiosks and data collection applications.

Leveraging an Application Specific Integrated Circuit (ASIC), Digi Neo delivers up to 921.6 Kbps of throughput. This PCIe compatible card offers on-board surge suppression on each signal, protecting system operation from electrical interference. Additional features include large buffers for data transfer, low latency and baud rate customization.

BENEFITS

- 4 or 8 RS-232 serial ports
- Low Profile and Standard Profile supported
- PCI Express slot support
- Flexible cabling and connector options
- Surge suppression on all signals protects against electrical interference with system operation
- Low latency for reliable performance
- Windows® and Linux® driver support
- Throughput up to 921.6 Kbps

RELATED PRODUCTS



EdgePort®



PortServer®
TS



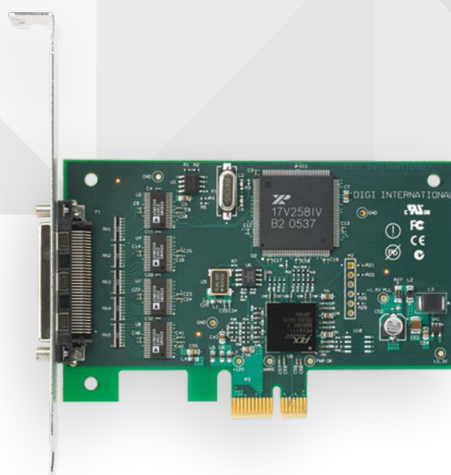
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ConnectPort® TS



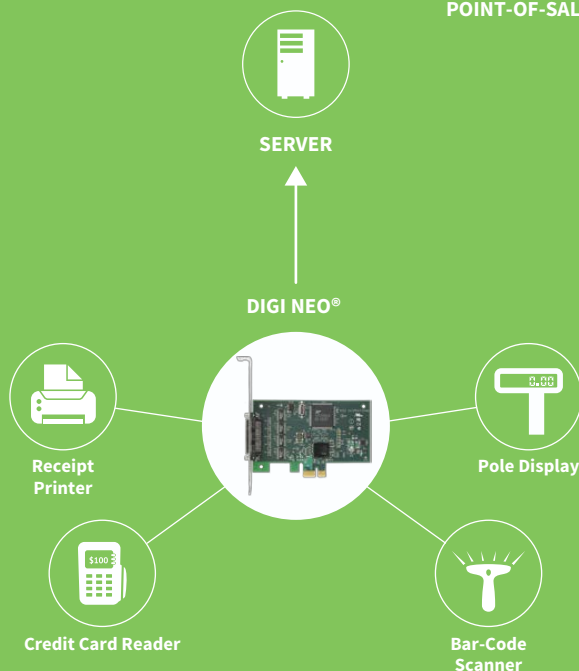
Digi One® SP



These low-cost serial cards have one of the smallest form factors available and are one of the only low profile eight-port cards on the market. An extensive range of cabling and software driver options makes Digi Neo a flexible and easy-to-install solution. Enhanced software monitoring and diagnostic tools ensure proper installation and serial port performance.

APPLICATION EXAMPLE

POINT-OF-SALE



SPECIFICATIONS		Digi Neo® 4- or 8-Port	
BUS INTERFACE			
PLATFORM		PCI Express (PCIe)	
PCI SLOT		PCI Express x1, x2, x4, x8, x12, x16 lane compatible	
LOW PROFILE PCI		Yes - Low profile bracket included	
INTERFACES			
SERIAL PORTS		4 or 8 RS-232	
SERIAL CONNECTOR		DB-25, 4' DB-9 fan-out cables; DB-9, RJ-45 connector boxes with 6' captive cable	
THROUGHPUT		Up to 921.6 Kbps	
FEATURES			
OPERATING SYSTEMS		Windows 10®, Windows® 8, Windows® 7, Windows Server 2016, Windows Server® 2012, Windows Vista®, Windows Server® 2003, Windows Server® 2008, Windows® XP, Linux®	
DIMENSIONS (L X W X H)		11.99 cm x 1.84 cm x 6.22 cm (4.72 in x 0.72 in x 2.45 in)	
WEIGHT		57.00 g (2.00 oz)	
OTHER		Full modem control, hardware or software flow control, low latency, custom baud rates	
POWER REQUIREMENTS			
TYPICAL (+5V)		20 mA	
MAXIMUM (+5V)		100 mA	
TYPICAL (+12V)		100 mA	
MAXIMUM (+12V)		150 mA	
SURGE PROTECTION		15 kV surge protection on all signals	
ENVIRONMENTAL			
OPERATING TEMPERATURE		0° C to 55° C (32° F to 131° F)	
STORAGE TEMPERATURE		-25° C to +85° C (-13° F to +185° F)	
RELATIVE HUMIDITY		5% to 90% (non-condensing)	
REGULATORY APPROVALS			
SAFETY		UL 1950, CSA 22.2 No. 950, EN60950, AS3260	
EMISSIONS/IMMUNITY		FCC Part 15 (Class B), EN55022 (Class B), EN55024, ICES 003 (Class B), AS3548, VCCI (Class B)	

PART NUMBERS	DESCRIPTION
77000889	Digi Neo PCI Express 8-port w/o cable (low profile bracket included)
77000890	Digi Neo PCI Express 4-port w/o cable (low profile bracket included)
CABLES	
76000523	8-port DTE DB-25M fan-out cable
76000527	8-port DTE RJ-45 connector box
76000529	8-port DTE DB-9M fan-out cable
76000534	HD-68M to DB-78F legacy cable converter
76000561	8-port DTE DB-9M connector box
76000522	4-port DTE DB-25M fan-out cable
76000526	4-port DTE RJ-45 connector box
76000528	4-port DB-9M straight fan-out cable
76000560	4-port DTE DB-9M connector box

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