











# RoHS Compliant



PX-475

## PCIe 1xRS232 1MBaud + 1xLPT Printer Port

"SERIAL CARDS ENGINEERED TO EXCEED EXPECTATIONS"



#### **Features**

- 1 port
- PCI Express x1, x4, x8 x16 lane slots
- Brainboxes' BB16C958 UART
- 128 Byte Tx and 128 Byte Rx FIFOs
- Up to 921,600 Baud
- DB9 Connector 9 Pin Male
- Drivers for all popular operating systems
- Sample Programs, Test & Terminal software
- Lifetime Support
- Lifetime Warranty (registration required)





## Description

PCI Express providing one RS232 serial port, and one LPT printer port. Data transfer rates up to 921,600 baud rates and the 128 byte deep transmit and 128 byte receive FIFOS, coupled with 1Mbit/s line drivers deliver uncompromising performance on your PC. Drivers for Windows 32 bit and 64 bit Operating Systems including Windows 2000, XP, Server 2003, Vista, Server 2008, Windows 7 and Windows 8.

PCI Express is the latest standard in PC connectivity. LPT printers have been used in the industry for years.

With Brainboxes' industry renowned Lifetime Warranty and Lifetime Support!

### Software

Microsoft signed drivers (easy installation & robust operation) for:

- Windows 7 32 bit 64 bit Editions
- Windows Server 2008 32 bit 64 bit Editions
- Windows Vista 32 bit 64 bit editions
- SUSE Linux Enterprise Server 10

As well as: full product documentation, a thorough troubleshooting guide and terminal software. Detailed sample source code for many popular programming languages. Further OS support on next page.





Low profile option -

ORDER

Description

Code

PCIe 1xRS232 1MBaud + 1xLPT Printer Port

PX-475



# PCle 1xRS232 1MBaud + 1xLPT Printer Port

PX-475: Full Specification

Ports    Ports	PA-475. Full Specification		
FIFO size Operating Distance Cable Operating Distance Cable No Cable; Integrated Connector Printer Ports 1 Printer Connector Port Settings Baud Rate 921,600 Parity Odd, Even, None, Mark or Space Stop Bits 1, 1.5 or 2 Flow Control TyRx Modes Point to Point  Interface  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit editio	Port	Ports	1
Operating Distance Cable Printer Ports Printer Connector Printer Connector Printer Connector Printer Connector 25 Pin Female D Connector on Fly Lead  Port Settings  Baud Rate 921,600 Parity Odd, Even, None, Mark or Space 1, 1.5 or 2 Flow Control TyRx Modes Point to Point  Interface  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Windows Server 2003 32 b	1	Connector	DB9 Connector - 9 Pin Male
Cable Printer Ports Printer Connector Printer Conless Product Support Product Support Printer Connector Printer Printer Printer Printer Conless Product Support Printer Connector Printer Printer Printer Printer Printer Printer Conless Product Support Utifetime Veb, Email and Phone Support from fully qualified, friendly staff while Edition Required Utifetime Veb, Email and Phone Support from fully qualified, friendly staff while Edition Required Printer Connector Printer		FIFO size	128 RX FIFO + 128 TX FIFO
Cable   No Cable; Integrated Connector   Printer Ports   Printer Ports   1   1   1   1   1   1   1   1   1		Operating Distance	EIA - RS232 Standard
Printer Connector  Baud Rate  921,600  Data Bits  921,600  Data Bits  5,6,7 or 8  Odd, Even, None, Mark or Space  1, 1.5 or 2  Flow Control  Ty/Rx Modes  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions  Windows Vista 32 bit 64 bit Editions  Windows Vista 32 bit 64 bit Editions  Windows Server 2008 32 bit 64 bit Editions  Windows Server 2008 32 bit 64 bit Editions  Windows Vista 32 bit 64 bit Editions  Windows Server 2008 32 bit 64 bit Editions  Windows Vista 32 bit 64 bit Editions  Windows Server 2003 32 bit 64 bit Editions  Windows Server 2003 32 bit 64 bit Editions  Windows Server 2008 32 b		Cable	No Cable; Integrated Connector
Port Settings    Saud Rate   921,600   Data Bits   5,6,7 or 8   Odd, Even, None, Mark or Space   1,1,5 or 2   Flow Control   Tx/Rx Modes   Point to Point   Point for Server 2003 32 bit 64 bit Editions   Windows Server 2003 32 bit 64 bit Editions   Point Express x1, x4, x8 x16 lane slots   Point Fapprovals   AEO C-TPAT Microsoft Certified Gold Partner WEEE ROHS EMC: CE TAA   Windows Server 2003 32 bit 64 bit editions   Windows XP 32 bit 64 bit editions   Windows Wi		Printer Ports	1
Data Bits 921,600 Parity Stop Bits 1, 1.5 or 2 Flow Control Ty/Rx Modes OS Compatibility Microsoft Windows 8 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit		Printer Connector	25 Pin Female D Connector on Fly Lead
Parity Stop Bits 1, 1.5 or 2 Flow Control Ty/Rx Modes Point to Point  Interface  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Serv	Port Settings	Baud Rate	921,600
Parity Stop Bits I, 1, 5 or 2 Flow Control Tx/Rx Modes Point to Point  Interface  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit editions Windows Ser	921.600	Data Bits	5,6,7 or 8
Flow Control Tw/Rx Modes  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Microsoft Windows Server 2003 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit editions W	<b>&gt; &gt;</b> >	Parity	Odd, Even, None, Mark or Space
Tx/Rx Modes  Point to Point  Microsoft Windows 8 32 bit 64 bit Editions Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit editions Windows Vista 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64		Stop Bits	1, 1.5 or 2
Interface  OS Compatibility  Microsoft Windows 8 32 bit 64 bit Editions Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions PCI Express x1, x4, x8 x16 lane slots  AEO C-TPAT Microsoft Certified Gold Partner WEEE ROHS EMC: CE TAA  Microsoft Approvals  Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions Windows Server		Flow Control	RTS/CTS, DSR/DTR, XON/XOFF
Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions PCI Express x1, x4, x8 x16 lane slots  AEO C-TPAT Microsoft Certified Gold Partner WEEE ROHS EMC: CE TAA  Microsoft Approvals Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions W		Tx/Rx Modes	Point to Point
Microsoft Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit Editions Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP	Interface	OS Compatibility	
Windows Vista 32 bit 64 bit Editions Windows Server 2003 32 bit 64 bit Editions BUS PCI Express x1, x4, x8 x16 lane slots  AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA  Microsoft Approvals Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions Windows XP 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions Windows XP 3	Fig. 1 (SCD)   RS232 Pinout (9 Fin Male)   Fig. 1 (RS2)   Fin 1 Fin 5   Fin 5   Fin 1 Fin 5   Fin		
BUS PCI Express x1, x4, x8 x16 lane slots  AEO C-TPAT Microsoft Certified Gold Partner WEEE ROHS EMC: CE TAA  Microsoft Approvals Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Vista 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  Weight 0.058 kg Size 170(I) x 240(w) x 60(h) mm  Box Content Packaging Installation CD including manual, Microsoft signed drivers & utilities Card PCIe 1xRS232 1MBaud + 1xLPT Printer Port Cables PCIe 1xRS232 1MBaud + 1xLPT Printer Port Uncaptured Varranty Lifetime (online registration required) Lifetime (online registration required) Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh	F2 100 F2 100 F2 100 F2 100 F2 100 F2 100		
Approvals  Other Approvals  Microsoft Approvals  Microsoft Approvals  Microsoft Approvals  Microsoft Approvals  Microsoft Approvals  Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Vista 32 bit 64 bit editions Windows XP 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  PCB Layers  4  Power Consumption  380mA @ 3.3V, 15mA @ 12V  Weight  0.058 kg  Size  170(I) x 240(w) x 60(h) mm  Box Content  Packaging  Installation CD including manual, Microsoft signed drivers & utilities  Card  PCIe 1xRS232 1MBaud + 1xLPT Printer Port  Cables  Product Support  Warranty  Lifetime (online registration required)  Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh	Find I CTS. Find 9 EI		Windows Server 2003 32 bit 64 bit Editions
Microsoft Approvals  Windows 7 32 bit 64 bit Editions Windows Server 2008 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  Windows XP 32 bit 64 bit editions  PCB Layers  4  Power Consumption 380mA @ 3.3V, 15mA @ 12V Weight 0.058 kg Size 170(I) x 240(w) x 60(h) mm  Box Content  Packaging Installation CD including manual, Microsoft signed drivers & utilities Card Card Cables No Cable; Integrated Connector + 25 Pin Female D Connector on Fly Lead  Product Support  Warranty Lifetime (online registration required) Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh		BUS	PCI Express x1, x4, x8 x16 lane slots
Windows Server 2008 32 bit 64 bit editions Windows Vista 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  PCB Layers  4  Power Consumption 380mA @ 3.3V, 15mA @ 12V Weight 0.058 kg Size 170(I) x 240(w) x 60(h) mm  Box Content  Packaging Installation CD including manual, Microsoft signed drivers & utilities Card PCIe 1xRS232 1MBaud + 1xLPT Printer Port Cables No Cable; Integrated Connector + 25 Pin Female D Connector on Fly Lead  Product Support  Warranty Lifetime (online registration required) Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh	Approvals	Other Approvals	AEO C-TPAT Microsoft Certified Gold Partner WEEE RoHS EMC: CE TAA
Windows Vista 32 bit 64 bit editions Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  PCB Layers  4  Power Consumption Weight 0.058 kg Size 170(I) x 240(w) x 60(h) mm  Box Content  Packaging Installation CD including manual, Microsoft signed drivers & utilities  Card PCIe 1xRS232 1MBaud + 1xLPT Printer Port Cables  Product Support  Warranty Lifetime (online registration required)  Support Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh		Microsoft Approvals	
Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  PCB Layers  4  Power Consumption Weight 0.058 kg Size 170(I) x 240(w) x 60(h) mm  Box Content  Packaging Installation CD including manual, Microsoft signed drivers & utilities Card PCIe 1xRS232 1MBaud + 1xLPT Printer Port Cables  Product Support  Warranty Lifetime (online registration required)  Support  Windows Server 2003 32 bit 64 bit editions Windows XP 32 bit 64 bit editions  ### PCB Layers  4  Power Consumption  380mA @ 3.3V, 15mA @ 12V  0.058 kg  Size 170(I) x 240(w) x 60(h) mm  Box Content  Packaging Installation CD including manual, Microsoft signed drivers & utilities  Card PCIe 1xRS232 1MBaud + 1xLPT Printer Port Cables  No Cable; Integrated Connector + 25 Pin Female D Connector on Fly Lead  Product Support  Lifetime (online registration required)  Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh			
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Packaging  Installation CD including manual, Microsoft signed drivers & utilities  Card  PCle 1xRS232 1MBaud + 1xLPT Printer Port  Cables  No Cable; Integrated Connector + 25 Pin Female D Connector on Fly Lead  Product Support  Warranty  Lifetime (online registration required)  Lifetime Web, Email and Phone Support from fully qualified, friendly staff wh		Weight	0.058 kg
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	Product Support	Warranty	Lifetime (online registration required)
work in and alongside the Product Development Team		Support	Lifetime Web, Email and Phone Support from fully qualified, friendly staff who
			work in and alongside the Product Development Team
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WINNER Manufacturer of the Year Made in the UK  Customisable  Brainboxes operate a "Perfect Fit Custom Design" policy for volume users. More Info: sales@brainboxes.com	Manufacturer of the Year 🗡 🛨 🗡	Customisable	

Other PCI Express Cards: 1 Port RS232 | 2 Port RS232 | 4 Port RS232 | 8 Port RS232 | 1 Port RS422/485 | 2 Port RS422/485 | 4 Port RS422/485 Other Brainboxes Ranges: PCI | Bluetooth Serial Adapter | Ethernet to Serial Adapter | PCMCIA Serial Card | ExpressCard Serial Adapter | USB to Serial

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