

## Overview

We enable reliable machine-to-machine (M2M) communications via secure 802.11 wireless or wired networks with industrial grade embedded radios, modules, boards, external device servers and bridges. For local and mobile connections, our serial adapters provide secure connectivity and port expansion via many interface options including Wired and Wireless Ethernet, USB, PCI, PCI Express and PCMCIA. As a performance leader in device networking and connectivity solutions, we maintain the highest level of reliability through quality design and superior performance that enables our customers to achieve lower total cost of ownership.

## Device Networking

### Airborne Wireless Serial Device Servers, Ethernet Bridges & Adapters

Our Airborne Industrial Wireless Device Servers provide a simple, integrated configuration process and embedded 802.11b/g wireless radio that offers superior power and receive sensitivity. Combined with the industry's best processor, these models boost throughput and reduces latency. This allows a broader range of serial devices to communicate over a wireless Ethernet network without modifying host software designed to use COM ports. Extended operating temperatures and industrial grade are standard features with the Airborne Enterprise Wireless Device Servers.



ABDG-SE-DP504



SSEW-100D

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Enterprise Wireless Serial Device Servers</b>			
ABDG-SE-DP501	1 RS-232/422/485	DB-9	\$279.00
ABDG-SE-DP504	1 RS-232	DB-9	\$259.00
ABDG-SE-DP507	1 RS-232	DB-9, POC	\$279.00
ABDG-SE-DP101	1 RS-232/422/485	DB-9	\$249.00
ABDG-SE-DP104	1 RS-232	DB-9	\$229.00
ABDG-SE-DP107	1 RS-232	DB-9, POC	\$229.00
<b>Enterprise Wireless Ethernet Bridges and Adapters</b>			
ABDG-BR-DP501	10/100 Ethernet Bridge	RJ-45	\$249.00
ABDG-ET-DP501	10/100 Ethernet Adapter	RJ-45	\$249.00
ABDG-ET-DP101	10 Base-T	RJ-45	\$219.00
<b>Wireless Serial Device Servers</b>			
SSEW-100D	1 RS-232	DB-9	\$375.00
SSEW-400D	1 RS-232/422/485	DB-9	\$400.00
DSEW-100D	2 RS-232	DB-9	\$425.00
DSEW-400D	2 RS-232/422/485	DB-9	\$475.00
SSEW-100D-5V	1 RS-232 / 5Vout	DB-9, 5V on Pin 9	\$400.00
DSEW-100D-5V	2 RS-232 / 5Vout	DB-9, 5V on Pin 9	\$475.00

### Airborne Heavy Duty Wireless Serial Device Servers & Ethernet Bridges

Add WiFi communications to existing telematics and asset management systems with the external Airborne Heavy Duty Wireless Device Servers. The serial bridge includes 802.11b/g technology that enables systems complete wireless access and control of virtually any type of equipment with a serial port. With a durable enclosure, it shields the device from external elements, including water, dust and other environmental threats.



ABDG-SE-HD101

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Heavy Duty Wireless Device Server</b>			
ABDG-SE-HD101	1 RS-232	12 pin Deutsch	\$349.00
<b>Heavy Duty Wireless Device Server with Accessory Kit</b>			
ABEG-SE-HD101	RS-232, cable, antenna		\$449.00
<b>Heavy Duty Ethernet Bridge</b>			
ABDG-ET-HD101	1 10 Base-T	12 pin, Deutsch	\$349.00
<b>Heavy Duty Ethernet Bridge with Accessory Kit</b>			
ABEG-ET-HD101	10 Base-T, cable, antenna		\$449.00

## Device Networking

### Airborne Industrial Wireless Serial Device Servers

Our Airborne Industrial Wireless Serial Device Servers provide a simple, integrated configuration process and the embedded 802.11b/g wireless radio that offers superior power and receive sensitivity. The Airborne Wireless Device Server creates a connection between an 802.11b/g wireless LAN and a device with a serial port. The device server transparently conveys data between the device with RS-232 or RS-422/485 interface and a wireless LAN. This enables remote device monitoring and management via the LAN or Internet. The Airborne Industrial Wireless Device Servers are available in a single or dual RS-232/422/485 port configuration. Other convenient features include compact form factor, low power consumption and advanced security including 802.11i-PSK, AES (FIPS-197), WPA2 Enterprise, WPA (TKIP), 802.1x/RADIUS and EAP support with certificates. The industrial unit includes a variable voltage power input supply (5-36 VDC) with terminal block connections packaged in a ruggedized metal box.



ABDG-SE-IN5410

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Industrial Wireless Serial Device Servers</b>			
ABDG-SE-IN5410	1 RS-232/422/485	DB-9, RJ-45	\$359.00
ABDG-SE-IN5420	2 RS-232/422/485	DB-9, RJ-45	\$399.00
PS-SDS	Optional AC/DC Power Supply		\$ 30.00

### Airborne Industrial Wireless Ethernet Bridge & Adapter

Our Airborne Industrial Wireless Ethernet Bridge provides a simple, integrated configuration process and the embedded 802.11b/g wireless radio that offers superior power and receive sensitivity. The family's industrial grade design (including extended operating temperatures) gives Airborne the reliability and performance demanded in enterprise applications. Other convenient features include compact form factor, low power consumption and advanced security including 802.11i-PSK, AES (FIPS-197), WPA2 Enterprise, WPA (TKIP), 802.1x/RADIUS and EAP support with certificates. The industrial unit includes a variable voltage power input supply (5-36 VDC) with terminal block connections packaged in a ruggedized metal box.



ABDG-ET-IN5010

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Industrial Wireless Ethernet Bridge and Adapter</b>			
ABDG-BR-IN5010	10/100 Ethernet Bridge	RJ-45	\$339.00
ABDG-ET-IN5010	10/100 Ethernet Adapter	RJ-45	\$339.00
PS-SDS	Optional AC/DC Power Supply		\$ 30.00

## Device Networking

### Device Servers

Our Device Servers are the most powerful serial device servers on the market. Boasting the industry's lowest latency and highest throughput, our wired device servers are easy to install and configure. With an on-board web server, this makes the setup, configuration and monitoring easy. Our MEI models include a software-selectable (RS-232, RS-422, RS-485) interface on all ports. The serial tunneling, UDP Multicast, TCP Client and other operating modes are operating system independent with SNMP support and virtual COM drivers for Windows NT/2000/XP and Linux.



DSE-100D



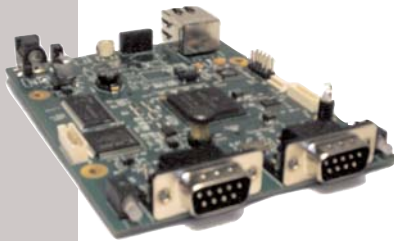
QSE-100D

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>External Device Servers</b>			
SSE-100D	1 RS-232	DB-9	\$250.00
SSE-400D	1 RS-232/422/485	DB-9	\$275.00
SSE-100D-5V*	1 RS-232	DB-9	\$275.00
DSE-100D	2 RS-232	DB-9	\$300.00
DSE-400D	2 RS-232/422/485	DB-9	\$350.00
DSE-100D-5V*	2 RS-232	DB-9	\$350.00
-SS	Add surge suppression package to any of the above		\$ 10.00/port
<b>Multiport Device Servers</b>			
QSE-100D	4 RS-232	DB-9	\$425.00
QSE-100M	4 RS-232	RJ-45	\$425.00
QSE-400D	4 RS-232/422/485	DB-9	\$525.00
QSE-400M	4 RS-232/422/485	RJ-45	\$525.00
ESE-100D	8 RS-232	DB-9	\$625.00
ESE-100M	8 RS-232	RJ-45	\$625.00
ESE-400D	8 RS-232/422/485	DB-9	\$825.00
ESE-400M	8 RS-232/422/485	RJ-45	\$825.00
-SS	Add surge suppression package to any of the above		\$ 10.00/port

\* - 5V power out on Pin 9, surge suppression standard

### Embedded Device Servers

Ideal for OEM solutions, custom enclosures and other situations where the external shell is not needed, our Embedded Device Servers offer all the industry-leading features as an external line. All embedded device servers come with standard surge suppression.



DSE-100D-EMB

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Embedded Device Servers</b>			
SSE-100D-EMB	1 RS-232	DB-9	\$189.00
DSE-100D-EMB	2 RS-232	DB-9	\$249.00
QSE-100D-EMB	4 RS-232	DB-9	\$349.00
ESE-100D-EMB	8 RS-232	DB-9	\$559.00
SSE-400D-EMB	1 RS-232/422/485	DB-9	\$219.00
DSE-400D-EMB	2 RS-232/422/485	DB-9	\$300.00
QSE-400D-EMB	4 RS-232/422/485	DB-9	\$449.00
ESE-400D-EMB	8 RS-232/422/485	DB-9	\$649.00

## Device Networking

### Airborne Embedded Modules

Ideal OEM solutions for integrated networking, our Airborne Embedded Modules includes a radio, a base-band processor, an application processor and software for a “drop-in” web-enabled WiFi solution. Easy to embed into new or existing designs the module is interoperable with industry standard 802.11 access points and advanced security standards such as WEP, WPA and LEAP, that provide a low cost infrastructure for connection to a LAN and to the Internet. The built-in TCP/IP stack and application software provide embedded devices with instant LAN and Internet connectivity without special programming of the module - only simple configuration is required using the HTML interface. Serial to wireless, Ethernet to wireless modules and Design Kits available.

The Airborne Enterprise Ethernet Bridge Module and Device Server Modules (WLNG-XX-DP55x series) supports the latest security standards and is fully compliant to the WPA2 Enterprise specification. A wide range of EAP supplicants and legacy security standards such as WPA, WEP and LEAP are also supported. The new 802.11b/g module supports 802.11i, 802.1x, WPA2-PSK, WPA2-Enterprise with Certificates, WPAPSK, WPA-LEAP and WEP.



WLNG-AN-DP551

Product Number	Interface	Security	US \$ MSRP
<b>802.11b/g Wireless Device Server Modules</b>			
WLNG-AN-DP551	UART, RS-232, Analog, Digital	WEP, WPA, WPA2, LEAP	\$ 99.00
WLNG-SE-DP551	RS-232/422/485	WEP, WPA, WPA2, LEAP	\$ 99.00
WLNG-SP-DP551	SPI	WEP, WPA, WPA2, LEAP	\$ 99.00
WLNG-AN-DP501	UART, RS-232, Analog, Digital	WEP, WPA, WPA2, LEAP	\$118.00
WLNG-SE-DP501	RS-232/422/485	WEP, WPA, WPA2, LEAP	\$118.00
WLNG-SP-DP501	SPI	WEP, WPA, WPA2, LEAP	\$118.00
WLNG-AN-DP101	UART, RS-232, Analog, Digital	WEP, WPA, LEAP	\$ 99.00
WLNG-SE-DP101	UART, RS-232/422/485	WEP, WPA, LEAP	\$ 99.00
WLNG-AN-DP102	SPI, Analog, Digital	WEP, WPA, LEAP	\$ 99.00
<b>802.11b/g Wireless Ethernet Bridge and Adapter Modules</b>			
WLNG-BR-DP551	10/100 Ethernet Bridge	WEP, WPA, WPA2, LEAP	\$ 99.00
WLNG-ET-DP551	10/100 Ethernet Adapter	WEP, WPA, WPA2, LEAP	\$ 99.00
WLNG-ET-DP501	10/100 Ethernet Adapter	WEP, WPA, WPA2, LEAP	\$118.00
WLNG-ET-DP101	10-Base T Ethernet	WEP, WPA, LEAP	\$ 99.00
<b>802.11b/g Wireless Device Server and Ethernet Bridge Module Evaluation &amp; Design Kit</b>			
WLNG-EK-DP551	Evaluation kit for WLNG-AN-DP551, WLNG-SE-DP551 WLNG-SP-DP551 and WLNG-ET-DP551		\$299.00

## Device Networking

### Airborne Embedded Device Server Boards

Ideal for OEM solutions, custom enclosures and other situations where the external shell is not needed, Airborne Embedded Device Servers offer all the same industry-leading features as the external line of ruggedized boxed products.



ABDG-SE-DP553

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Airborne Embedded Device Server Boards</b>			
ABDG-SE-DP553	1 RS-232/422/485	DB-9	\$199.00
ABDG-SE-DP556	1 RS-232	DB-9	\$189.00
ABDG-SE-DP559	1 RS-232, PO5	DB-9	\$229.00
ABDG-SE-DP503	1 RS-232/422/485	DB-9	\$249.00
ABDG-SE-DP506	1 RS-232	DB-9	\$229.00
ABDG-SE-DP509	1 RS-232	DB-9	\$229.00

### Airborne Embedded Ethernet Bridge & Adapter Boards

Like its boxed counterpart, Airborne Embedded Ethernet Bridge Boards have the same reliability and performance demanded in enterprise applications, as well as other features including low power consumption and advanced security including 802.11i-PSK, AES (FIPS-197), WPA2 Enterprise, WPA (TKIP), 802.1x/RADIUS and EAP support with certificates. They are ideal for OEM solutions, custom enclosures and other situations where the external shell is not needed.

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Airborne Embedded Ethernet Bridge and Adapter Boards</b>			
ABDG-BR-DP553	10/100 Ethernet Bridge	RJ-45	\$179.00
ABDG-ET-DP553	10/100 Ethernet Adapter	RJ-45	\$179.00
ABDG-BR-DP554	10/100 Ethernet Bridge	RJ-45	\$179.00
ABDG-ET-DP554	10/100 Ethernet Adapter	RJ-45	\$179.00
ABDG-ET-DP503	10/100 Ethernet	RJ-45	\$219.00

### Airborne Embedded Radios

Airborne Embedded Radios provide instant LAN and Internet connectivity, and connect through standard interfaces to a wide variety of applications. The radio integrates the 802.11 standards including the 802.11i security standard. The radio includes a full implementation of AES/CCMP, WPA and WEP security mechanisms. Enterprise applications are enabled by support for EAP. Additionally, the radio supports the 802.11e Quality of Service (QoS) and 802.11h Transmit Power Control (TPC) standards. Allowing you access to the latest functionality and maximizing interoperability with existing infrastructure. Airborne Performance Embedded Radios offers 802.11a/b/g networking and extends support for the small form factor and CompactFlash interface found in earlier generations.



WLRG-RA-DP101

Product Number	Interface	Security	US \$ MSRP
<b>802.11b/g Embedded Radios</b>			
WLRG-RA-DP101	CompactFlash	WEP, WPA, AES/CCMP, EAP	\$ 42.00
<b>802.11b/g Embedded Radio Evaluation &amp; Design Kit</b>			
WLEG-RA-DP101	CompactFlash	WEP, WPA, AES/CCMP, EAP	\$299.00

## Device Connectivity

### USB Serial Adapters

Quatech USB Serial Adapters are reliable connectivity expansion solutions for adding multiple serial devices to a system thru USB ports. Exhibiting industry-leading speed and features, these USB serial converters enumerate themselves as standard COM ports enabling systems to be expanded using USB without any changes to application software. Available in 1, 2, 4, 8 and 16 port options, and max baud rates of up to 921.6 kbps, our MEI models offer software-selectable (RS-232, RS-422, RS-485) interface on all ports. High speed USB 2.0 Serial Adapters are now available and are USB 1.0 and 2.0 compatible.



SS-USB-100

SSU2-400I

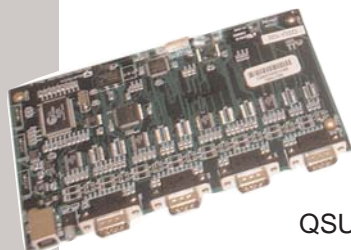


QSU2-100

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Single Port Serial Adapters</b>			
SS-USB-100	1 RS-232	DB-9	\$ 29.00
SSU2-100	1 RS-232	DB-9	\$ 79.00
SSU2-300	1 RS-422/485	Terminal block	\$ 79.00
SSU2-400I	1 RS-232/422/485	Terminal block	\$149.00
<b>High Speed USB 2.0-based</b>			
DSU2-100	2 RS-232	DB-9	\$159.00
DSU2-400	2 RS-232/422/485	DB-9	\$189.00
QSU2-100	4 RS-232	DB-9	\$209.00
QSU2-400	4 RS-232/422/485	DB-9	\$239.00
ESU2-100	8 RS-232	DB-9	\$369.00
ESU2-400	8 RS-232/422/485	DB-9	\$399.00
-IND	Add surge suppression package		\$ 10.00/port

### Embedded USB Serial Adapters

Our Embedded USB Serial Adapters are designed to seamlessly connect multiple serial peripherals via a single USB port. Available with 1,2, 4 or 8 independent ports, the small-footprint boards have built-in surge suppression at each serial port, necessary for maximum reliability and robustness. Mounting holes allow easy installation into cabinets and kiosks. For maximum flexibility, each port on 400 models can be configured as RS-232/422/485 and in any combination, meaning a single adapter can be used to implement multiple full-duplex and half-duplex multi-drop networks. All of our Embedded USB Serial Adapters are USB port-powered, provide data rates up to 460.8 kbaud, and are compatible with Windows® 98, Me, NT, 2000, XP, Vista, Win 7 and Linux.



QSU2-100-EMB

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>High Speed USB 2.0-based</b>			
SSU2-100-EMB	1 RS-232	DB-9	\$ 49.00
QSU2-100-EMB	4 RS-232	DB-9	\$159.00
QSU2-400-EMB	4 RS-232/422/485	DB-9	\$179.00
ESU2-100-EMB	8 RS-232	DB-9	\$299.00
ESU2-400-EMB	8 RS-232/422/485	DB-9	\$339.00

## Device Connectivity

### Industrial USB Serial Adapters

Our Industrial USB to Serial adapters provide secure connections in a ruggedized metal box to meet demanding applications and withstand harsh environments. The Industrial High Speed USB Serial Adapter product line gives your laptop or workstation the ability to communicate between a USB port with up to four RS-232 or RS-422/485 serial peripherals. The adapters provide DB9 (RS-232) and Terminal Block (RS-422/485) connections on each individual com port. The units are USB bus powered and require no additional power input. A VDC power input is provided via terminal block if optional VCC output on pin 9 is used in RS-232 applications to provide power to external serial devices. Our Industrial USB to Serial adapters are also available with 3000V DC to DC Optical Isolation to provide the highest degree of system protection and isolation between device and computer.



QSU2-540IS

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Industrial USB 2.0-based to Serial</b>			
QSU2-540	4 RS-232/422/485	DB-9 or Terminal	\$399.00
QSU2-540IS	4 RS-232/422/485	DB-9 or Terminal	\$449.00

### USB Extenders

Extend regular USB signals over CAT5 cable. Using a transmitter and receiver pair, the USB signals can be extended to a range of 40 meters/150 feet. The ETR-USB2 does not require external power. Allows for USB peripherals to be located remotely from the PC or laptop and extends typical USB location and distance limitations. The model ETR-USB2 is transparent to the PC requiring no software or driver support allowing seamless integration into your system.



ETR-USB2

Product Number	Connector	US \$ MSRP
<b>USB Extenders</b>		
ETR-USB2	CAT5	\$ 79.00

### USB Audio/Video Grabber

Our USB 2.0 Audio/Video Grabber is the ideal companion for your portable audio and video application. With real-time MPEG 1/2/4 recording capabilities, there is now a power video and audio application tool on hand. The AVD-USB2-500 acts as a bridge between a PC and analog camera, VCR, camcorder or any other video source. Includes VideoWorks software with powerful video editing functions, recording setup/configuration, snapshot capability and direct burning functions to DVD.



AVD-USB2-500

Product Number	Description	US \$ MSRP
<b>USB Audio/Video Grabber</b>		
AVD-USB2-500	USB2.0 Audio and Video grabber	\$ 99.00

## Device Connectivity

### PCMCIA Communication

Reliability, compatibility, and portability are the essences of the Quatech Serial and Parallel PCMCIA card, adding a serial port to your portable computer. The 1, 2 or 4-port Quatech PCMCIA Cards give you the ability to connect any RS-232 or RS-422/485 device to your laptop without sacrificing portability or convenience. The cards are implemented with 16750 UARTs containing 64-byte FIFOs. This along with our special clock-multiplying feature enables data transfer rates as high as 921.6 kbps. Ruggedized cable permanently attached also available.



DSP-100

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Serial PCMCIA Cards</b>			
SSP-100	1 RS-232	DB-9	\$129.00
SSPR-100	1 RS-232, ruggedized	DB-9	\$149.00
SSP-200/300	1 RS-422/485	DB-9	\$159.00
DSP-100	2 RS-232	DB-9	\$199.00
DSPR-100	2 RS-232, ruggedized	DB-9	\$219.00
DSP-200/300	2 RS-422/485	DB-9	\$229.00
<b>Parallel PCMCIA Cards</b>			
SPP-100	1 EPP	DB-25	\$129.00
<b>Synchronous PCMCIA Cards</b>			
MPAPR-100	1 RS-232, ruggedized	DB-25	\$419.00

### PCMCIA Card Drive

PCD-X/XC34, provides a PCMCIA slot via an ExpressCard interface, with the ability to primarily access 3G wireless internet modem cards via ExpressCard. The PCD-X/XC34 also works with CompactFlash, Memory Stick, Smart Media, MMC and SD cards using suitable adapters.



PCD-X/XC34

Product Number	Number of Slots	Mount Type	US \$ MSRP
<b>PCMCIA Card Drive</b>			
PCD-X-XC34	1, ExpressCard interface	External	\$149.00

**Device Connectivity**

**SocketSerial Communication Products**

With the purchase of the SocketSerial product family from Socket Mobile, we now produce two leading lines of serial peripheral technology for the mobile user. We continue to seamlessly integrate a wide range of devices and peripherals, providing reliable solutions for today's mobile computing systems. With the transition of SocketSerial products into the product line, we now offers well known PCMCIA, CF, USB and USB Gigabit Ethernet adapters.

With the SocketSerial product family, we offer multiple options for connecting RS-232 (EIA-232) Serial and Ethernet devices to notebooks, laptops, PDAs, tablets and/or desktops. Shielded USB to serial adapters, Ruggedized CF and PCMCIA serial adapters with multiport configuration options and Cordless Serial Adapters with Bluetooth wireless technology to eliminate conventional serial cable are available.



SL0707-078



SL2703-138



SL0765-1114



SL0751-161



SL0723-116

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Serial PCMCIA Cards</b>			
SL0700-004	1 RS-232	DB-9	\$139.50
SL0707-078	1 RS-232, ruggedized	DB-9	\$157.50
SL0703-081	2 RS-232	DB-9	\$220.50
SL0723-116	2 RS-232, ruggedized	DB-9	\$247.50
SL0751-161	4 RS-232, ruggedized	DB-9	\$360.00
<b>Serial CF Cards</b>			
SL2700-096	1 RS-232	DB-9	\$153.00
SL2703-138	1 RS-232, ruggedized	DB-9	\$175.50
<b>USB to Serial Adapter</b>			
SL0796-865	1 RS-232, Shielded	DB-9	\$ 45.50
<b>USB Gigabit Ethernet Adapter</b>			
SL0765-1114	1 Ethernet, Shielded	RJ-45	\$ 67.00
<b>SocketSavers Adapter</b>			
SL0795-864	SocketSavers (bag 5)	DB-9	\$ 45.00

## Device Connectivity

### ExpressCard Communication

Add network, serial and parallel interfaces, multi-memory card reader and eSATA connectivity with Quatech ExpressCard products. The next generation PC Card technology, the new card is about half the size of PCMCIA cards. ExpressCards also leverage the proven advantages of PC Card technology including reliability, durability and expansion flexibility. Quatech ExpressCards are available in 1 or 2 ports in Ethernet or SATA configurations and 1, 2 or 4 ports in serial configurations. We also offers a 17 in 1 Multi-Memory Card Reader. The technology uses a smaller connector and eliminates the Cardbus controller by using direct connections to PCI-Express. Quatech's ExpressCard maximizes advanced features such as hot plug-n-play and auto-configurations. High Performance PCIe based serial/parallel designs maintain higher speeds (up to 921.6 kbps) with 1KB FIFOs, access to UART registers and addressing to emulate native serial port. Quatech 34mm Expresscards can be used in either 34 or 54mm Expresscard slots.

As an added feature, we include the Model ADP-XP54 Expresscard 54mm adapter for 34mm cards with every shipment to improve fit and durability of the 34mm cards in the larger 54mm slots.



SSPX-100



ADP-XP54

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Multi-Memory Card Reader, Ethernet &amp; eSATA ExpressCards</b>			
LANPX-1G	1 Gigabit Ethernet	RJ-45	\$ 69.00
SATA2PX-100	2 SATA 2.0	eSATA	\$ 89.00
XCD-MCR	17 in 1 Memory Card	(see website)	\$ 59.00
<b>Serial ExpressCards - PCIe-based serial &amp; USB-based serial</b>			
SSPXP-100	1 RS-232	DB-9	\$129.00
SSPXP-200/300	1 RS-422/485	DB-9	\$149.00
DSPXP-100	2 RS-232	DB-9	\$179.00
DSPXP-200/300	2 RS-422/485	DB-9	\$199.00
QSPXP-100	4 RS-232	DB-9	\$349.00
QSPXP-200/300	4 RS-422/485	DB-9	\$379.00
<b>Parallel ExpressCards - PCIe-based parallel</b>			
SPPXP-100	1 Parallel	DB-25	\$149.00

### ExpressCard Card Drive

Enable desktop computers to reliably access any ExpressCard. Quatech ExpressCard Drives provide 1 ExpressCard slot via a rear PCI Express or PCMCIA interface. Compliant with ExpressCard specification for ExpressCard/34/54 modules, this adapter enables you to now share a single card between your laptop and desktop.

Quatech ExpressCard drives allow desktop PCs to access the technology (ExpressCards) used in laptop, notebook and handheld computers. This enables easy data sharing between portable and desktop systems via memory cards or hard disk cards, as well as sharing of portable peripheral devices such as wireless modems, serial port cards and parallel port cards. This PCI Express based drive unit can accommodate ExpressCard devices including memory cards, ATA hard disk cards, modems, and a variety of other ExpressCard I/O devices.



XCD-B/PCIE-ST



ADP-XP54

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>ExpressCard Card Drive</b>			
XCD-B/PCIE-ST	1 PCI Express	Rear	\$99.00
ADP-XP54	54 Expresscard	Adapter	\$ 6.00
XCD-B/PCMCIA	1 PCI Express		\$69.00

## Device Connectivity

### HDMI Products

The new HDMI product line features HDMI extenders, splitters, switches, matrix and several accessories including cables and couplers. These HDMI products offer an easy and affordable way to connect HDMI devices to a monitor or screen. Whether you need multiple screens connected to one HDMI device or several HDMI devices connected to one screen, or simply to extend your HDMI Signal, we are your place for the most affordable, high quality HDMI products.



Product Number	Description	US \$ MSRP
<b>HDMI Extenders</b>		
WS-HDET511	HDMI Extender over Cat5	\$ 89.00
WS-HDET510	HDMI Extender (Repeater)	\$ 69.00
<b>HDMI Splitter</b>		
HSP0104BS	HDMI 1x4 Splitter	\$169.00
<b>HDMI Switches</b>		
HSW0301D	HDMI 3x1 Switch	\$ 69.00
HSW0501	HDMI 5x1 Switch	\$ 89.00
<b>HDMI Matrix</b>		
HSS0402	HDMI Matrix 4x2	\$169.00
HSS0404	HDMI Matrix 4x4	\$599.00



### HDMI Accessories

Product Number	Description	US \$ MSRP
CB-HDMI-DVI	4 ft. HDMI to DVI Cable	\$15.00
CB-HDMI-4	4 ft. HDMI Cable	\$15.00
CB-HDMI-4P	4 ft. Premium HDMI Cable	\$25.00
CB-HDMI-10	10 ft. HDMI Cable	\$25.00
CB-HDMI-10P	10 ft. Premium HDMI Cable	\$35.00
HDMI Coupler	HDMI Coupler/Joiner	\$15.00



# 2012 List Prices

## Device Connectivity

### PCI Express

Advance PCI technology with the Quatech PCI Express Card. The new standard serial connectivity card in PCI technology, PCI Express boasts faster bus speeds and deeper FIFO rates. In addition to the bus technology upgrades. PCI Express Cards are available in 2, 4 or 6 port serial card configurations and PCI Express Low Profile Cards are available in 2 or 4 port serial card configurations. PCI Express Cards offer high-speed, serial I/O bus that maintains backwards capability with PCI applications. Multiport adapters (DSSP, QS, QSSP, HS-PCIE-100) require multiple PC bracket slots to expand I/O. Low Profile, multiport adapters (DSL P and QSLP) require a single slot to expand I/O. Defined by high performance, scalable and serial based bus, PCI Express Cards are dedicated to the device while multiple PCI Express devices can be active without interfering with each other.



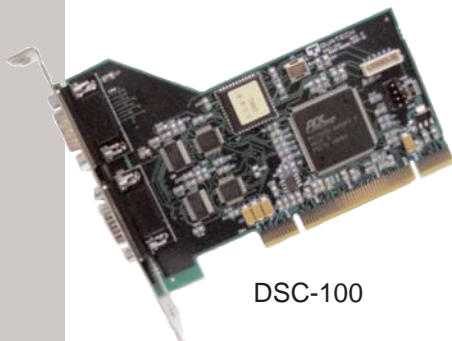
QSCLP-PCIE-100

QSC-PCIE-100

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>PCI Express</b>			
DP-PCIE-100	2 Parallel	DB-25, requires 2 slots	\$ 89.00
DS-PCIE-100	2 RS-232	DB-9	\$ 89.00
DSSP-PCIE-100	2 RS-232 & 1 Parallel	DB-9, DB-25, requires 2 slots	\$ 99.00
QS-PCIE-100	4 RS-232	DB-9	\$129.00
QSSP-PCIE-100	4 RS-232 & 1 Parallel	DB-9, DB-25, requires 3 slots	\$139.00
HS-PCIE-100	6 RS-232	DB-9, requires 3 slots	\$189.00
<b>PCI Express Low Profile and Standard Height requiring only a single slot</b>			
DSL P-PCIE-100	2 RS-232	DB-9	\$ 89.00
QSLP-PCIE-100	4 RS-232	DB-9	\$129.00

### PCI Communication Boards

Quatech serial PCI boards utilize a single PCI slot to provide independent asynchronous serial ports that share a single interrupt. Available in 1, 2, 4 or 8 independent ports for RS-232 serial communications and 2 or 4 ports for RS-422/485 serial communications, data speeds range from 460.8 to 921.6 kbps, pending model (Value based designs limited to 115.2 kbps). The boards are implemented with either a 16550 UARTs containing 16-byte FIFOs or 16750 UARTs containing 64-byte FIFOs, see product selection guide for more information per model. The PCI Serial Boards are low profile height and include a standard bracket to install into a full/standard height desktop. A low profile bracket is supplied loose in the package for flexibility in adapting the card to a different system. Surge suppression is also available and can choose from DB-9, DB-25, or RJ-45 connectors. Low cost PCI designs utilizing a single interface IC for PCI interface now available. These cards require multiple slots for the 4 and 6 port units and are full/standard height. Two DB-9's are used on additional slot brackets to expand I/O.



DSC-100

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>PCI Value Serial Boards</b>			
DS-PCI-100	2 RS-232	DB-9	\$ 49.00
QS-PCI-100	4 RS-232	DB-9, requires 2 slots	\$ 89.00
HS-PCI-100	6 RS-232	DB-9, requires 3 slots	\$129.00
<b>PCI Serial Boards</b>			
DSC-100	2 RS-232	DB-9	\$109.00
DSC-200/300	2 RS-422/485	DB-9	\$149.00
QSC-100	4 RS-232	DB-25	\$199.00
QSC-100-D9	4 RS-232	DB-9	\$199.00
QSC-200/300	4 RS-422/485	DB-9	\$269.00
ESC-100D	8 RS-232	DB-25	\$429.00
ESC-100D-D9	8 RS-232	DB-9	\$429.00
ESC-100M	8 RS-232	RJ-11	\$399.00
-IND	Add surge suppression package to any of the above		\$ 10.00/port
<b>Synchronous Serial PCI Board</b>			
MPAC-100	1 RS-232		\$449.00

## Device Connectivity

### Universal PCI (Low Profile) Communication Boards

Quatech's 1, 2, 4, and 8 port Universal PCI Serial Boards for RS-232 and RS-422/485 provides universal connectivity that are compatible with +3.3V or +5V systems with speeds up to 921.6 kbps. Serial port connection are made via an onboard DB-9 male port for single port models, and via included cables providing 2, 4, or 8 DB-9 male connectors for multiport boards. The MD1 Low Profile Board fits 2U racks without riser cards and perform at 16550 UARTS with 16-byte FIFOs (16750 UARTS for 8 port).



QSCLP-100

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Universal PCI Serial Boards</b>			
SSCLP-100	1 RS-232	DB-9	\$109.00
SSCLP-200/300	1 RS-422/485	DB-9	\$149.00
DSCLP-100	2 RS-232	DB-9	\$139.00
DSCLP-200/300	2 RS-422/485	DB-9	\$199.00
QSCLP-100	4 RS-232	DB-9	\$199.00
QSCLP-200/300	4 RS-422/485	DB-9	\$249.00
ESCLP-100	8 RS-232	DB-9	\$399.00
-IND	Add surge suppression package to any of the above		\$ 10.00/port

### Serial Extenders

Extend RS-232 serial communications up to 1000 meters/3300 feet at speeds up to 230kbps. The RS-232 serial communications is extended over CAT5 cabling between the transceiver/receiver pair. The ETR-RS232 allows serial peripherals to be located remotely from a PC or laptop. The transceiver/receiver pair is transparent to the PC requiring no software or driver support. RS-232 applications work seamlessly with the system over extended distances.



ETR-RS232

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Serial Extenders</b>			
ETR-RS232	1 RS-232	CAT5	\$189.00

### Serial Converters

Quatech's SS-CVT-500N and SS-CVT-500I Serial Converter allow RS-232 line signal bi-directionally convert to RS-422 or RS-485 standard. Featuring data format DIP switching and baud rate auto switching, users only need to plug the unit and go without software or hardware complicated settings. The RS-485 control is completely transparent to the user and software written for Half-Duplex. The SS-CVT-500I provides photo couple and DC to DC isolation.



SS-CVT-500I

Product Number	Number of Ports	Connector Type	US \$ MSRP
<b>Serial Converters</b>			
SS-CVT-500N	1 RS-232	DB-9	\$ 79.00
SS-CVT-500I	1 RS-232	DB-9	\$129.00



SS-CVT-500N

**Device Connectivity**

**Bluetooth Serial Adapters**

Featuring Bluetooth wireless technology, the SS-BLT-100 is the ideal replacement of the standard RS-232 cable. With standard RS-232 interface, it can be easily adopted for industrial machines with RS-232 interface. It is compatible with all Bluetooth V.2.0-certified and is backwards compatible with V.1.1/1.2 devices. You can connect between your computers (Master) and RS-232 devices (Slave) 100 meters away without cables in your working environment. RS-422/485 serial communications over Bluetooth are provided with the SS-BLT-300 and SS-BLT-400 with a convenient terminal adapter for wiring connections.

SS-BLT-100



SS-BLT-300

Product Number	Description	US \$ MSRP
<b>Bluetooth Serial Adapters</b>		
SS-BLT-100	1 port RS-232	\$119.00
SS-BLT-100PR	Two 1 port RS-232 for auto pairing	\$229.00
SS-BLT-300	1 port RS-485	\$149.00
SS-BLT-300PR	Two 1 port RS-485 for auto pairing	\$279.00
SS-BLT-400	1 port RS-232/422/485	\$169.00
SS-BLT-400PR	Two 1 port RS-232/422/485 for auto pairing	\$319.00

**RoHS Statement**



The European Union Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment ("RoHS") Directive (2002/95/EC) effective July 1, 2006 prohibits the sale of electronic equipment containing certain hazardous substances such as lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyls ("PBB") and polybrominated diphenylethers ("PBDE") in the European Union.

We have a program in place to ensure that our products satisfy the RoHS Directive with respect to the various categories of electronic products. For more information including product status and schedule, please visit [www.Quatech.com](http://www.Quatech.com).

**Quatech Promise**

We will never sell a product for an application for which it is not suited.

We will quickly respond to all customer inquiries.

We will immediately address all product installation and compatibility issues.

We will never promise a delivery schedule we cannot meet.



For the most up-to-date product information, a complete list of our distributor and partner pricing and complete regional sales information please visit our web site at [www.Quatech.com](http://www.Quatech.com). The above is Quatech's pricelist. Quantity discounts are available for authorized OEMs, VARs, Resellers and Distributors. Prices are subject to change without notice. Quatech is not responsible for typographical errors.

**Prices effective as of January 1, 2012**

# 2012 List Prices

## Cables & Accessories

Product Number	Description	For Product	US \$ MSRP
<b>Device Servers, Ethernet Bridges and Adapters</b>			
CP-SDS-AUSTR	Power cord (Australia)	For 100D/400D series	\$14.00
CP-SDS-EURO	Power cord (Europe)	For 100D/400D series	\$14.00
CP-SDS-NA	Power cord (USA)	For 100D/400D series	\$11.00
CP-SDS-UK	Power cord (UK)	For 100D/400D series	\$20.00
DS-RACK-BLK	Rack mount kit - black	For QSE/ESE models	\$29.00
PS-SDS	Power supply	For All Serial Device Servers and Bridges	\$30.00
SDS-DIN-01	Din rail mounting kit	For SSE/DSE-100/400D models	\$14.00
SDS-RJ45-10	DB-9 to 10-pin RJ adapter	For All Serial Device Servers	\$12.00
TERM-422-D9F	RS-422 termination pack	For 400D series	\$ 6.00
TERM-485-D9F	RS-485 termination pack	For 400D series	\$ 6.00
<b>USB Serial Adapters</b>			
CP-USB	Spare cable	For All USB models	\$20.00
DB9F-400C	DB9F-400C adapter, 400 series converter to 200/300 pin out		\$25.00
DB9M-STA	Adapter, male DB-9 to screw terminal		\$29.00
TERM-422-D9	RS-422 termination pack		\$ 6.00
TERM-485-D9	RS-485 termination pack		\$ 6.00
<b>PCI/Universal PCI Serial Boards</b>			
CP-DSCLP-100	D-25 to 2 D-9 cable	For DSCLP-100 board	\$20.00
CP-DSCLP-200/300	D-25 to 2 D-9 cable	For DSCLP-200/300 board	\$20.00
CP-ES	D-78 to 8 D-25 cable	For ESC series boards	\$75.00
CP-ES-D9	D-78 to 8 D-9 cable	For ESC series boards	\$75.00
CP-ESCLP-D9	HD-68 to 8 D-9 cable	For ESCLP-100 board	\$75.00
CP-ESCLP-D25	HD-68 to 8 D-25 cable	For ESCLP-100 board	\$75.00
CP-QSC-D9	D-44 to 4 D-9 cable	For QSC-100/200/300 models	\$35.00
CP-QSC-D25	D-44 to 4 D-25 cable	For QSC-100/200/300 models	\$35.00
CP-QSCLP	D-44 to 4 D-9 cable	For QSCLP-100/200/300 models	\$35.00
CP-QSCLP-D37	D-44 to D-37 cable	For QSC/QSCLP-100 model	\$20.00
CP-QSCLP2-D37	D-44 to D-37 cable	For QSC/QSCLP-200/300 model	\$20.00
<b>PCMCIA, ExpressCards, SocketSerial and CF Cards</b>			
CP-DSP-100	Spare cable	For DSP-100	\$30.00
CP-DSP-200/300	Spare cable	For DSP-200/300	\$30.00
CP-QSP-100	Spare cable	For QSP-100	\$70.00
CP-QSP-200/300	Spare cable	For QSP-200/300	\$70.00
CP-SPP	Spare cable	For SPP-100	\$30.00
CP-SSP-100	Spare cable	For SSP-100	\$20.00
CP-SSP-200/300	Spare cable	For SSP-200/300	\$20.00
8100-00016	Spare SocketSerial cable	For All Socketserial PCMCIA, CF adapters	\$30.00
<b>Airborne Antennae &amp; Cables</b>			
ACH2-AT-DP002	2 dBi portable (Rubber duck) antenna (RP-SMA)		\$ 9.50
ACH2-AT-DP003	5 dBi portable (Rubber duck) antenna (RP-SMA)		\$14.00
ACH2-AT-DP004	5 dBi portable (Rubber duck) antenna, Flying Lead (U.FL)		\$11.90
ACH2-AT-DP011	5 dBi magnetic mount vehicle antenna, indoor/outdoor		\$45.00
ACH0-CA-DP001	adapter cable, U.FL (plug) to U.FL (plug), 200mm, internal		\$ 7.00
ACH0-CA-DP004	adapter cable, RP-SMA (jack) to U.FL (plug), 100mm, indoor/outdoor		\$13.00

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