

LANTRONIX Embedded and External Device Servers LANTRONIX®

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Lantronix Embedded Modules

PREMIERWAVE EN

PremierWave™ EN delivers a new dimension of WiFi networking with the highest levels of security to virtually any device or electronic product. It provides affordable connectivity in a compact form factor, enabling OEMs to add WiFi or wired Ethernet networking to their products on a single PCB design.

Features:

- 802.11 abgn solution with Dual Band Radio (2.4GHz and 5GHz)
- Linux Operating System with IPV6
- Adds WiFi to devices with the highest enterprise-grade security and authentication protocols
- Lantronix SmartRoam™ technology provides seamless mobile connectivity and improved reliability
- Includes full TCP/IP stack, web server
- Powerful applications customization platform with 32 Bit ARM9 Processor
- Virtual IP (VIP) Access™ for gaining remote connectivity even behind firewalls
- Low power consumption modes
- Robust set of interfaces which include Ethernet, Serial, USB, I2C, and SPI



RoHS Compliant

For quantities greater than shown, call for quote.

MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
515-PEN100100A-01	PEN100100A-01	PremierWave EN Development Server w/Internal Antenna	144.00
515-PEN10010SA-01	PEN10010SA-01	PremierWave EN Development Server w/Internal Antenna, Sample	183.55
515-PEN10010NA-01	PEN10010NA-01	PremierWave EN Development Server w/out Internal Antenna	142.67
515-PEN10010NASA-01	PEN10010NASA-01	PremierWave EN Development Server w/out Internal Antenna, Sample	155.06
515-PWDK1000-01	PWDK1000-01	PremierWave Development Kit (module not included)	246.84
515-PWEV1000-01	PWEV1000-01	PremierWave Evaluation Board (module not included)	229.11



EMBEDDED DEVICE SERVERS

XPort® Direct+™ Features:

- Delivers high-performance Ethernet connectivity and web server capabilities
- Powerful and affordable networking for any device with a serial interface on its microcontroller
- Integrated module with RJ45 and dedicated networking SoC
- Web server, TCP/IP protocol stack and Windows deployment software
- Up to 921Kbps data rate
- Compact low profile (<12mm)
- 2 x 12 pin, 2mm headers
- Three GPIO pins
- RS-232/RS-485 ready
- 256-bit AES encryption for secure communications



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MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
515-XPD1001000-01	XPD1001000-01	XPort® Direct+™ Device Networking Module, RoHS	48.75
515-XPD100100K-01	XPD100100K-01	XPort® Direct+™ Device Networking Module, Kit	119.00
515-XPDNC2000-01	XPDNC2000-01	XPort® Direct+™ NC Device Networking Module, no RJ45, Jack, RoHS	29.00
515-XPDNC200S-01	XPDNC200S-01	XPort® Direct+™ NC Device Networking Module, no RJ45, Jack, RoHS, Sample	42.00

EXTERNAL DEVICE SERVERS

External device servers from Lantronix can network-enable just about any device with serial connectivity in a matter of minutes. They provide the ability to remotely control, monitor, diagnose and troubleshoot your equipment over a network or the Internet. And they enable you to preserve your investment in your present equipment. Choose Ethernet or wireless connectivity, advanced encryption for maximum security, and device servers designed for commercial or heavy-duty industrial applications.

UDS/MSS100/EDS1100 - External Device Servers

The UDS single-port and dual port device servers provide a quick, simple and cost-effective way to bring the advantages of data accessibility and remote management to equipment not currently connected to a network. The MSS100 is a fast, easy way to connect virtually any device with a serial port to a network, so it can be managed remotely.



UDS1100 Shown



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For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
515-UD1100001-01	UD1100001-01	UDS1100 1-port Device Server, US Domestic Power 120VAC Power Supply	149.00
515-UD11000P0-01	UD11000P0-01	UDS1100 1-port Device Server, Power over Ethernet, 802.3AF	199.00
515-UD2100001-01	UD2100001-01	UDS2100 two-port 10/100 Device Server, US Domestic 120VAC Power Supply	229.00
515-MSS100-21	MSS100-21	MSS100 1-port 10/100 Device Server, External 120VAC Wall Cube Power Supply	384.00
515-ACDIN1001-01	ACDIN1001-01	Optional DIN-rail Mount	12.00
515-ED1100002-01	ED1100002-01	1 Port Secure DevSer Global Power Supply	214.00
515-ED1100002-LNX-01	ED1100002-LNX-01	EDS1100 1Port RS232 422/485 Linux SDK	214.00
515-ED2100002-01	ED2100002-01	2 Port Secure DevSer Global Power Supply	260.00
515-ED2100002-LNX-01	ED2100002-LNX-01	EDS2100 2Port RS232 422/485 Linux SDK	260.00



WiBox® - Wireless External Device Servers

WiBox® dual-port device servers enable you to connect serial devices to 802.11b/g wireless networks, quickly and easily. By merging wireless communications and Lantronix device server technology, WiBox simplifies connectivity to devices in applications where mobility is required or cabling is impractical.

Features:

- Enables access to remote devices while minimizing costly cabling
- Provides network mobility for unetherneted communication
- Two DB9 DTE serial ports supporting RS-232, RS-422 or RS-485 communication
- Compact size enables it to fit almost anywhere
- Industry standard 802.11b/802.11g wireless interface
- Secure wireless communication: IEEE 802.11-PSK, WPA-PSK, TKIP
- 256-bit AES – end-to-end encryption
- Ethernet-or-wireless bridging



RoHS Compliant

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MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
515-WB2100EG1-01	WB2100EG1-01	WBX2100E 802.11b/g with 10/100 Ethernet, 115Vac, 50/60Hz Power Adapter	349.00

Industrial Device Servers

Lantronix offers a full range of industrial-strength external device servers designed for use with manufacturing or assembly equipment such as programmable logic controllers (PLCs), motion controllers, barcode scanners and power monitoring equipment at manufacturing sites, automated distribution centers and refinery plants.



IntelliBox-I/O Shown



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MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
515-IBIO21002-01	IBIO21002-01	IntelliBox-I/O 2100 - 2 port IA device and I/O server with EventTrak, Worldwide Power Supply with regional adapters	330.00
515-X92000001-01	X92000001-01	XPress-Pro SW 92000 - Hardened -34-74°C 8-Port 10/100TX Ethernet Switch with Din Rail	206.00
515-XSDR22000-01	XSDR22000-01	XPress-DR+ - 2 port industrial device server with dual switched Ethernet ports and industrial protocols	398.00
515-XSDR22W00-01	XSDR22W00-01	XPress-DR+W - 2 port 802.11 wireless Industrial device server, removable screw terminal port, 9-30VDC and 9-24VAC	449.00
515-XSDRSN-02	XSDRSN-02	XPress-DR - Industrial Device Server Standard Part	354.00
515-XSDRIN-02	XSDRIN-02	XPress-DR-IAP - Industrial Device Server with installable industrial protocols	385.00
515-UD1100IA2-01	UD1100IA2-01	UDS1100-IAP - Industrial Automation Protocols, 1 DB25F DCE serial port, software-selectable RS232, RS422 or RS485, internal power supply w/ regional adapters.	179.00

Accessories

515-500-163	500-163	DB25M to DB9F Serial Cable - 6ft.	10.00
515-500-171-R	500-171-R	DB25M to RS485 and Power Input Screw Terminal Adapter	27.00