

# LANTRONIX Embedded Device Servers

Lantronix offers Ethernet and 802.11 wireless networking solutions for end users and manufacturers alike. Their embedded modules enable OEMs to add full Ethernet and/or wireless connectivity to their products so they can be managed over a network or the Internet – at a fraction of the time and expense required to develop an in-house solution. And Lantronix products offer the highest levels of data security available today.

## XPORT® PRO™

The thumb-sized XPort® Pro™ is Lantronix' most powerful, self-contained embedded networking module. Footprint compatible with the popular XPort® and running either Linux or Evolution OS™ operating systems, the XPort Pro eliminates the complexity of designing network connectivity into a product and allows you to deploy advanced applications on the edge device itself.

### Features:

- Enable M2M edge computing and effortlessly handle demanding applications with the power of an advanced architecture 32-bit processor
- Run Linux or Lantronix Evolution OS for the ultimate in application development flexibility
- Production-ready hardware and software solution provides simple device set-up, configuration and monitoring, with powerful, industry-standard management tools
- VIP Access technology seamlessly integrates with Lantronix' ManageLinux remote services enablement platform



XPort® Pro™ Shown

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
<a href="#">515-XPP1002000-01R</a>	XP1002000-01R	XPort Pro XE Extended Temperature w/ encryption w/ Evolution OS	<b>67.78</b>
<a href="#">515-XPP100200S-01R</a>	XP100200S-01R	XPort Pro SE Extended Temperature w/ encryption w/ Evolution OS - Sample	<b>64.38</b>
<a href="#">515-XPP1003000-01R</a>	XP1003000-01R	XPort Pro XE Extended Temperature w/ encryption w/ Linux OS	<b>67.78</b>
<a href="#">515-XP10010NMK-01</a>	XP10010NMK-01	XPort Universal Demo Board	<b>95.63</b>
<a href="#">515-930-060-R</a>	930-060-R	P&E M icro-computer systems USB Multilink Debugger	<b>400.00</b>

\*: XPort® Pro™ Module Sold Separately. \*: Sold Separately for Development Kits.

## XPORT®/ XPORT® AR - EMBEDDED DEVICE SERVERS

XPort® is the most compact, integrated solution available to web-enable any device with a serial interface. By simply adding XPort to a product design, device manufacturers can now offer Ethernet connectivity as a standard feature within weeks—instantly increasing product value, enhancing end-user experience and facilitating new service delivery options.

### XPort® Features:

- Minimal engineering effort required to web enable a serial device
- Remote command and control of edge devices
- Real-time edge device status via e-mail alerts
- 256-bit AES encryption for secure communications
- EMC/EMI-compliant; RoHS-compliant
- Everything you need – all in a single RJ45 package

### XPort® AR Features:

- A fully programmable device computing platform based on corporate IT standards – Cisco®-like CLI, XML, RSS
- Web-enable up to three electronic devices, quickly and easily
- Provide robust "data center grade" security, including SSL and SSH, for networked devices
- Offer true IEEE 802.3af compliant pass-through Power over Ethernet (PoE)



XPort® Shown

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
<a href="#">515-XP1001000-04R</a>	XP1001000-04R	XPort - RoHS Extended Temp. Extended Temperature - Xport XE without Encryption	<b>51.00</b>
<a href="#">515-XP1001000M-04R</a>	XP1001000M-04R	XPort XE - with Modbus, RoHS Extended Temp. Extended Temperature, no encryption.	<b>55.00</b>
<a href="#">515-XP1001001-04R</a>	XP1001001-04R	XPort - RoHS Commercial Temp. - XPort XE without encryption.	<b>49.00</b>
<a href="#">515-XP1002000-04R</a>	XP1002000-04R	XPort - RoHS Extended Temp. Extended Temperature - Xport XE with encryption.	<b>53.25</b>
<a href="#">515-XP1002001-04R</a>	XP1002001-04R	XPort - RoHS Commercial Temp. - Xport XE with encryption.	<b>52.00</b>
<a href="#">515-XP100200S-04R</a>	XP100200S-04R	XPort - RoHS Sample Extended Temp. Extended Temperature - Xport SE Sample with encryption.	<b>54.50</b>
<a href="#">515-XP3002000-01R</a>	XP3002000-01R	XPort AR – Ethernet to Serial Embedded Processor Module with SSH Client & Server, SSL, 1024-bit AES (Rijndael), 3DES and RC4 Encryption, Public/Private-keys, and password protection; Extended Temperature	<b>64.75</b>
<a href="#">515-XP300200K-01</a>	XP300200K-01	XPort AR with Evaluation Board, Cables, Power Supply and Software; Commercial Temperature; Encryption	<b>189.00</b>
<a href="#">515-XP300200S-01R</a>	XP300200S-01R	XPort AR – Ethernet to Serial Embedded Processor Module with SSH Client & Server, SSL, 1024-bit AES (Rijndael), 3DES and RC4 Encryption, Public/Private-keys, and password protection; Extended Temperature - Sample Package	<b>68.35</b>

## MATCHPORT® AR LINUX SOFTWARE DEVELOPER'S KIT

The MatchPort® AR Linux Software Developer's Kit (SDK) is a highly-integrated embedded hardware and software suite that allows Linux developers to easily create value-added applications on Lantronix' small yet powerful embedded networking module. Built on the stable 2.6 Linux kernel, the SDK includes all the components required for building secure network enabled products using the Linux OS.

### Features:

- Provides a turn-key development environment using industry standard Linux software tools combined with well-known GNU toolchains
- Improves the ease and flexibility of application development, shortening time-to-market
- Allows you to leverage the knowledge of a well-established Linux development community
- Simplifies the complicated and time consuming process of custom development on Linux-based platforms
- Integrated with our small, proven, and very powerful hardware module

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lantronix Part No.	Description	Price Each
<a href="#">515-MPDK1000-LNX-01</a>	MPDK1000-LNX-01	MatchPort AR Linux Development Kit (without BDM Debugger Connector)	<b>330.00</b>
<a href="#">515-MPDK1000-LNX-02</a>	MPDK1000-LNX-02	MatchPort AR Linux Development Kit (with BDM Debugger Connector)	<b>400.00</b>
<a href="#">515-930-060-R</a>	930-060-R	P&E M icro-computer systems USB Multilink Debugger	<b>400.00</b>
<a href="#">515-MPR4002000-01</a>	MPR4002000-01	MatchPort AR w/ 8MB of Flash w/ Linux OS, Module	<b>58.10</b>
<a href="#">515-MPR400200S-01</a>	MPR400200S-01	MatchPort AR Module w/ 8MB of Flash w/ Linux OS, Sample	<b>56.25</b>

\*: Must be ordered separately for the MPDK1000-LNX-02 kit.



## MATCHPORT™ - EMBEDDED WIRED AND WIRELESS DEVICE SERVERS

### MatchPort b/g Features:

- Extremely affordable embedded 802.11 b/g wireless networking
- Bulletproof security with IEEE 802.11i-PSK, WPA-PSK, TKIP and optional 256-bit AES end-to-end encryption
- Full TCP/IP stack, web server and Windows deployment software
- Up to 230Kbps data rate
- FCC Class B, UL and EN EMC and safety-compliant

### MatchPort® b/g Pro Features:

- Adds WiFi to devices with the highest WPA2/802.11i enterprise-grade security and authentication protocols
- Lantronix SmartRoom™ technology provides seamless mobile connectivity and improved reliability
- Includes full TCP/IP stack, CGI, AJAX web server and Windows deployment software
- Powerful applications customization platform with 32 Bit 159 MIPS (Dhrystone 2.1) Processor, 8MB Flash/8 MB SDRAM
- Built-in Ethernet to wireless bridging

### MatchPort AR Features:

- Application-ready, secure SSL/SSH networking module for high-volume applications
- Built-in CGI and AJAX web server
- Pin compatible family includes 802.1 b/g wireless
- Ethernet MAC/PHY; add only RJ45 jack and magnetics to device's PCB

### MatchPort NR Features:

- Interface: CMOS (Asynchronous) 3.3V-level signals, rate is software selectable (300 bps to 921,000 bps)
- Serial Line Formats: 7 or 8 data bits, 1-2 Stop bits
- Modem Control: DTR, DCD
- Flow Control: XON/XOFF (software), CTS/RTS (hardware), none



MatchPort b/g Shown

\*: MatchPort sample must be purchased separately.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Description	Price Each
<a href="#">515-MP1001000G-01</a>	MP b/g Wireless Device Server	<b>59.38</b>
<a href="#">515-MP1002000G-01</a>	MP b/g Wireless Device Server, AES	<b>61.25</b>
<a href="#">515-MP100200SG-01</a>	MP b/g Wireless Device Server, AES, Sample	<b>67.50</b>
<a href="#">515-MPP3002000G-01</a>	MP b/g Pro 802.11 Wireless Device Server	<b>119.00</b>
<a href="#">515-MPP300200SG-01</a>	MP b/g Pro 802.11 Wireless Device Server, Sample	<b>124.00</b>
<a href="#">515-MPR3002000-01</a>	MP AR Embedded Device Server, AES	<b>47.50</b>
<a href="#">515-MPR300200S-01</a>	MP AR Embedded Device Server, AES, Sample	<b>49.95</b>
<a href="#">515-MPR4003000-01</a>	MP AR w/ 8MB of Flash w/ Evolution OS	<b>58.10</b>
<a href="#">515-MPR400300S-01</a>	MP AR w/ 8MB of Flash w/ Evolution OS, Sample	<b>56.25</b>
<a href="#">515-MP10010NMK-01</a>	MP Universal Demonstration Kit	<b>105.33</b>
<a href="#">515-MPDK1000-01</a>	MP Development Kit	<b>995.00</b>
<a href="#">515-930-033-R</a>	2.4GHz 802.11b/g Antenna	<b>8.50</b>
<a href="#">515-500-180-R-ACC</a>	Antenna cable (6in.) U.FL to R-SMA	<b>3.93</b>
<a href="#">515-500-181-R-ACC</a>	Antenna cable (6in.) U.FL to U.FL	<b>3.93</b>
<a href="#">515-MP5002000-01</a>	MP NR Device Server AES Bulk	<b>48.00</b>
<a href="#">515-MP500200S-01</a>	MP NR Device Server AES Bulk Sample	<b>51.00</b>