

EMBEDDED MODULES

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Features	XPort Direct+	XPort	XPort Pro	XPort AR	MatchPort AR
Operating system	CoBos	CoBos	Evolution	Evolution	Evolution
10/100 Ethernet (*external RJ45 jack)	●	●	●	●	●*
Wireless 802.11 b/g					
LAN → 802.11 bridging					
TFTP (*FTP)	●	●	●*	●	●*
PPP (*Custom)	●*	●*	●*	●*	●
SNMP	●	●	●	●	●
Web server - HTTP	●	●	●	●	●
Web server - CGI (*Custom)	●*	●*	●	●*	●*
Web server - Ajax			●	●	●
SSL Secure web server			●	●	●
SSL Secure data tunneling			●	●	●
SSH client & server			●	●	●
Enterprise-grade security & authentication protocols for WLAN					
VIP Access (*Evolution)			●*		
IPv6 (*Linux SDK Development Platform)			●*		
Java support	●	●	●	●	●
AES encryption (*Option, ** 3DES and RC4)	●*	●*	●**	●	●
Max Configurable GPIO pins (*RTS/CTS on configurable pins)	3	3*	3*	13*	7
Software Development Kit (*CPK)	●*	●*	●	●	●
Flash/RAM	512KB/256KB	512KB/256KB	16MB/8MB	4MB/1.25MB	4MB/8MB
Maximum serial data rate	921 Kbps	921 Kbps	921 Kbps	230 Kbps	230 Kbps
Web manager (for configuration)	●	●	●	●	●
Email client (*Subject Line Only)	●*	●*	●	●	●
Operating Temperature	-40° to 85° C	-40° to 85° C or 0° to 70° C	-40° to 85° C	-40° to 85° C	-40° to 85° C
Dimensions (mm)	44.3 x 31.75 x 11.76	33.9 x 16.25 x 13.5	33.9 x 16.25 x 13.5	33.9 x 32.5 x 10.5	44.4 x 44.4 x 10.4
Serial Ports	1	1	1	1	2

All Lantronix embedded products listed above include the following protocols: TCP/UDP client-server, Telnet, DHCP, BOOTP, AUTOIP, TFTP

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XPort Pro Feature Comparison of Linux vs Evolution

Features	Xport Pro (Evolution)	Xport Pro (Linux)
Operating System	Evolution	uClinux
10/100 Ethernet	•	•
Serial Ports	1	1
Max Configurable Pins (RTS/CTS on CPs)	3	3
Flash/RAM	16MB/8MB	16MB/8MB
Max Serial Data Rate	921 Kbps	921 Kbps
Operating Temperature	-40° to 85° C	-40° to 85° C
Dimension (mm)	33.9x16.25x13.5	33.9x16.25x13.5
Turnkey Applications		
VIP Access	•	
Serial Data Tunneling (UDP and TCP)	•	
SSL Secure Data Tunneling	•	
Configuration Management		
CLI	•	
XML	•	
Web Manager (* - Sample Application)	•	•(*)
Firmware Upgrade	•	•
System Recovery Mechanism	•	•
File System (Journaling) (*- multiple options)	•	•(*)
CP Manager	•	•
SDK Features		
Installation Utility	•	•
GNU Toolchain	•	•
Host Platform (Windows)	•	
Host Platform (Linux)		•
Sample Applications	•	•
Documentation	•	•
Configurable Features		
IPv6		•
SNMP	•	•
SSH Client & Server	•	•
Web Server - HTTP(S)	•	•
Web Server - CGI	•	•
Web Server - AJAX	•	
CP Manager	•	•
Crypto Library (AES, 3DES, RC4, etc.)	•	•
FTP	•	•
TFTP	•	•