

DEVICELINX[®] EMBEDDED NETWORKING MODULES

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LANTRONIX[®]



Features	XPort [®]	XPort [®] Pro	XPort [®] Direct+	MatchPort [®] b/g	MatchPort [®] b/g Pro	MatchPort AR	MatchPort NR	PremierWave-EN
Operating system	CoBos	Evolution OS [™] /Linux	CoBos	CoBos	Evolution OS	Evolution OS/Linux	CoBos*	Linux
10/100 Ethernet (*external RJ45 jack)	•	•	•	•*	•*	•*	•	•
Wireless 802.11 b/g (*a/b/g/n)				•	•			•*
LAN ↔ 802.11 bridging				•	•			•
TCP / UDP client-server	•	•	•	•	•	•	•	•
Telnet	•	•	•	•	•	•	•	•
DHCP, BOOTP & AUTOIP	•	•	•	•	•	•	•	•
TFTP (*FTP)	•	•*	•	•	•*	•*	•	•*
PPP	•*	•	•*	•*	•	•	•*	•
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	8	7	7	8	9
Software Development Kit (*CPK)	•*	•	•*	•*	•	•	•*	•*
Flash/RAM	512KB/256KB	16MB/8MB	512KB/256KB	2MB/256KB	8MB/8MB	4MB/8MB	2MB/256KB	256MB/64MB
Maximum serial data rate	921 Kbps	921 Kbps	921 Kbps	921 Kbps	230 Kbps	230 Kbps	921 Kbps	921 Kbps
Web manager (for configuration)	•	•	•	•	•	•	•	•
Email client (*Subject Line Only)	•*	•	•*	•*	•	•	•*	•
Operating Temperature (C°/F°)	-40 to 85°C or 0 to 70°C -40 to 185°F or 32 to 158°F	-40 to 85°C -40 to 185°F	-40 to 85°C -40 to 185°F	-40 to 70°C -40 to 158°F	-40 to 70°C -40 to 158°F	-40 to 70°C -40 to 158°F	-40 to 85°C -40 to 185°F	-40 to 85°C -40 to 185°F
Dimensions (mm)	33.9 x 16.25 x 13.5	33.9 x 16.25 x 13.5	44.3 x 31.75 x 11.76	44.4 x 44.4 x 10.4	44.4 x 44.4 x 10.4	44.4 x 44.4 x 10.4	44.4 x 44.4 x 10.4	30 x 55 x 8
Serial Interface/# of Ports (*5V Tolerance)	CMOS 3.3V*/1	CMOS 3.3V*/1	CMOS 3.3V*/1	CMOS 3.3V*/2	CMOS 3.3V/2	CMOS 3.3V/2	CMOS 3.3V*/2	CMOS 3.3V/2
Power Over Ethernet (Pass through)				•	•	•	•	•
SmartRoam [™]				•	•	•		•