

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

WiPort® b/g

Operating system	CoBos	Evolution OS™	CoBos	CoBos	Evolution OS	Evolution OS	CoBos*	CoBos
10/100 Ethernet (*external RJ45 jack)	•	•	•	•*	•*	•*	•	•*
Wireless 802.11 b/g				•	•			•
LAN ↔ 802.11 bridging				•	•			•
TCP / UDP client-server	•	•	•	•	•	•	•	•
Telnet	•	•	•	•	•	•	•	•
DHCP, BOOTP & AUTOIP	•	•	•	•	•	•	•	•
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	8	7	7	8	11
Software Development Kit (*CPK)	•*	•	•*	•*	•	•	•*	•*
Flash/RAM	512KB/256KB	16MB/8MB	512KB/256KB	2MB/256KB	8MB/8MB	4MB/8MB	2MB/256KB	2MB/256KB
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 70°C -40 to 158°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	33.9 x 32.5 x 10.5
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™				•	•			•