



Features	XPort® EDGE	XPort®	XPort® Pro	xPico®	xPico® 110	xPico Wi-Fi®	xPico® 240	xPico® 250	PremierWave® 2050
Category			Wired Device Server			Wireless Module		Wireless IoT Gateway	
Mounting Option	Connector	Connector	Connector	Connector	SMT	Connector/SMT‡	Connector	Connector	SMT
Operating System	ThreadX	CoBos	Evolution OS®/Linux	CoBos	CoBos	ThreadX	ThreadX	ThreadX	Linux
10/100 Ethernet (*External RJ45 Jack)	•	•	•	•*	•		•*	•*	•*
Wireless 802.11						b/g/n	a/b/g/n	a/b/g/n	a/b/g/n/ac
Bluetooth								BT/BLE 4.2	BT/BLE 4.1
Antenna Options						On Module or External‡	On Module or External‡	On Module or External‡	On Module or External‡
LAN > 802.11 Bridging							•	•	•
Simultaneous Soft AP and Client						•		•	•
Enterprise Wi-Fi Security							•	•	•
SmartRoom™							•	•	
TCP / UDP Client-Server	•	•	•	•	•	•(+UDP)	•	•	
Telnet		•	•	•	•				•
DHCP, BOOTP & AUTOIP	•	•	•	•	•	•	•	•	•
TFTP		•	•	•	•				
FTP			•						•
PPP			•						
SNMP		v1/v2	v1/v2	v1/v2	v1/v2				v1/v2/v3
Modbus (*Available in IAP)		•*		•*	•*				
Web Server - HTTP/CGI (*Custom)	•	•*	•*	•*	•*	•	•*	•*	•
Web Server - AJAX	•		•			•	•*	•	•
SSL Secure Web Server	•		•			•	•	•	•
SSL Secure Data Tunneling	•		•			•	•	•	•
SSH Client & Server			•						•
IPv6 (*Linux SDK Development Platform)	•		•*			•†	•†	•†	•
AES Encryption	•	• ‡	•	•	•	•	•	•	•
Max Configurable GPIO Pins (*RTS/CTS on Configurable Pins)	3*	3*	3*	8	8	8	12	12	13
Software Development Kit	•	• ‡	•	• ‡	• ‡		•	•	•* (Yocto)
Flash/RAM	8MB/2MB	512KB/256KB	16MB/16MB	512KB/256KB	512KB/256KB	1MB/128KB	8MB/2MB	8MB/2MB	128MB/64MB
Maximum Serial Data Rate	4 Mbps	921 Kbps	921 Kbps	921 Kbps	921 Kbps	921 Kbps	4 Mbps	4 Mbps	921 Kbps
Web Manager (for Configuration)	•	•	•	•	•	•	•	•	•
Email Client (*Subject Line Only)	•	•*	•	•*	•*		•	•	•
Operating Temperature (C°/F°)	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F	-40 to 85°C / -40 to 185°F
Dimensions (mm; +/-0.3mm)	33.9 x 16.25 x 13.5	33.9 x 16.25 x 13.5	33.9 x 16.25 x 13.5	24 x 16.5 x 5.64	18.3x 31.1 x 3.0	SMT (1002): 301 x 18.3 x 3.0 SMT (1003): 261 x 18.3 x 3.0 24 x 16.5 x 5.64	17 x 25 x 2 (LGA) 22 x 33.5 x 2.73 (Edge Card)	17 x 25 x 2 (LGA) 22 x 33.5 x 2.73 (Edge Card)	46.66 x 45.07 x 3.5
SPI Interface						•†	•	•	•
USB (*Full Speed Only)						•*	Device & Host	Device & Host	Device & Host

† Available in future software release ‡ Version dependent

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