



XPort® EDGE



xPico® 270



xPico® 250



xPico® 240



PremierWave® 2050



xPico Wi-Fi®

Features	XPort® EDGE	xPico® 270	xPico® 250	xPico® 240	PremierWave® 2050	xPico Wi-Fi®
Category	Wired Device Server	Now Available		Wireless IoT Gateway		Wireless Module
Mounting Option	Connector	Connector/SMT	Connector/SMT	Connector/SMT	Connector/SMT‡	Connector/SMT‡
Operating System	ThreadX	ThreadX	ThreadX	ThreadX	Linux	ThreadX
10/100 Ethernet	•	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module	
Wireless 802.11		a/b/g/n/ac	a/b/g/n	a/b/g/n	a/b/g/n/ac	b/g/n
Bluetooth		BT/BLE 4.2	BT/BLE 4.2		BT/BLE 4.1	
Antenna Options		External	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		•	•	•	•	
SmartRoam™		•	•	•		
TCP / UDP Client-Server	•	•	•	•		•(tUDP)
Telnet					•	
DHCP, BOOTP & AUTOIP	•	•	•	•	•	•
FIPS 140-2 Level 1	•†	•†	•†	•†	•	
SFTP					•	
PPP						
SNMP					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*	12	12	12	13	8
Software Development Kit	•	•	•	•	•* (Yocto)	
Flash/RAM	8MB/2MB	8MB/2MB	8MB/2MB	8MB/2MB	256MB/128MB	1MB/128KB
Maximum Serial Data Rate	4 Mbps	4 Mbps	4 Mbps	4 Mbps	921 Kbps	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
Dimensions (mm; +/-0.3mm)	33.9 x 16.25 x 13.5	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)	17 x 25 x 2 (LGA) 22 x 33.5 x 2.73 (Edge Card)	46.66 x 45.07 x 3.5	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
SPI Interface		•	•	•	•	•†
USB (*Full Speed Only)		Device & Host	Device & Host	Device & Host	Device & Host	•*

† Available in future software release ‡ Version dependent

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