



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®
<b>Category</b>	<b>Wired Device Server</b>	<b>Now Available</b>		<b>Wireless IoT Gateway</b>		<b>Wireless Module</b>
<b>Mounting Option</b>	Connector	Connector/SMT	Connector/SMT	Connector/SMT	Connector/SMT‡	Connector/SMT‡
<b>Operating System</b>	ThreadX	ThreadX	ThreadX	ThreadX	Linux	ThreadX
<b>10/100 Ethernet</b>	•	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module/PHY	External RJ45 Jack/Magnetic Module	
<b>Wireless 802.11</b>		a/b/g/n/ac	a/b/g/n	a/b/g/n	a/b/g/n/ac	b/g/n
<b>Bluetooth®/ Bluetooth Low Energy</b>		5.0	5.0		4.2	
<b>Antenna Options</b>		External	External	On Module or External‡	On Module or External‡	On Module or External‡
<b>LAN &gt; 802.11 Bridging</b>		•	•	•	•	
<b>Simultaneous Soft AP and Client</b>		•	•	•	•	•
<b>Enterprise Wi-Fi Security</b>		•	•	•	•	
<b>SmartRoom™</b>		•	•	•		
<b>TCP / UDP Client-Server</b>	•	•	•	•		•(tUDP)
<b>Telnet</b>					•	
<b>DHCP, BOOTP &amp; AUTOIP</b>	•	•	•	•	•	•
<b>FIPS 140-2 Level 1</b>	•†	•†	•†	•†	•	
<b>SFTP</b>					•	
<b>SNMP</b>	v1/v2	v1/v2	v1/v2	v1/v2	v1/v2/v3	
<b>Modbus</b> (*Available in IAP)						
<b>Web Server - HTTP/CGI</b> (*Custom)	•	•*	•*	•*	•	•
<b>Web Server - AJAX</b>	•	•	•	•*	•	•
<b>SSL Secure Web Server</b>	•	•	•	•	•	
<b>SSL Secure Data Tunneling</b>	•	•	•	•	•	
<b>SSH Client &amp; Server</b>					•	
<b>IPv6</b> (*Linux SDK Development Platform)	•	•†	•†	•†	•	•†
<b>AES Encryption</b>	•	•	•	•	•	•
<b>Max Configurable GPIO Pins</b> (*RTS/CTS on Configurable Pins)	3*	12	12	12	13	8
<b>Software Development Kit</b>	•	•	•	•	•* (Yocto)	
<b>Flash/RAM</b>	8MB/2MB	8MB/2MB	8MB/2MB	8MB/2MB	256MB/128MB	1MB/128KB
<b>Maximum Serial Data Rate</b>	4 Mbps	4 Mbps	4 Mbps	4 Mbps	921 Kbps	921 Kbps
<b>Web Manager</b> (for Configuration)	•	•	•	•	•	•
<b>Email Client</b> (*Subject Line Only)	•	•	•	•	•	
<b>Operating Temperature</b> (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
<b>Dimensions</b> (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
<b>SPI Interface</b>		•	•	•	•	•†
<b>USB</b> (*Full Speed Only)		Device & Host	Device & Host	Device & Host	Device & Host	•*

† Available in future software release ‡ Version dependent

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