

# XPort Family Comparison



	XPort EDGE	XPort Pro	XPort
PERFORMANCE	BEST	BETTER	GOOD
OPERATING SYSTEM	RTOS (GATEWAY OS)	RTOS (EVOLUTION)	RTOS (COBOS)
PROCESSOR, RAM, FLASH	ARM CR4 @ 320 MHz (518 DMIPS) 2 MB/8 MB	CF v2 @ 166 MHz (159 DMIPS) 16 MB/ 16 MB	IA 80186 @ 120 MHz (30 DMIPS) 256 KB/512 KB
UART (TTL)	Up to 4 Mbps	Up to 921 kbps	Up to 921 kbps
ETHERNET MAC/PHY (RJ45 CONNECTOR INTEGRATED)	10/100 Mbps	10/100 Mbps	10/100 Mbps
PROGRAMMABLE I/O PINS (CONFIGURABLE PINS)	3	3	3
NETWORK STACK	IPv4/IPv6	IPv4	IPv4
NETWORK PROTOCOLS AND SERVICES	HTTP(S), E-SMTP, SNTP	HTTP(S), E-SMTP, SNTP	HTTP, SMTP
SDK	✓	✓	✓
NETWORK OFFLOAD ENGINE (TUNNEL)	✓	✓	✓
BASIC SECURITY – AES ENCRYPTION	✓	✓	✓
ADVANCED SECURITY - SSL/TLS & X.509 PKI	✓	✓	
ENTERPRISE SECURITY - 802.1X/EAPOL	✓		
SECURE BOOT, SECURE CREDENTIAL STORAGE	✓		
MULTIPROTOCOL COMMS ENGINE (TRUPOINT SOCKET)	✓		
MQTT & WEBSOCKETS FOR CLOUD INTEGRATION*	✓		
PRE-INTEGRATION WITH MACH10 & GATEWAY CENTRAL	✓		