

Specifications:

Product name		FutureNet MA-X320/GL	FutureNet MA-X300
Encryption processing		Specialized hardware	Specialized hardware
LAN/WAN	Gigabit Ethernet interfaces	Gigabit Ethernet x 2port 1000BASE-T/100BASE-TX/10BASE-T (RJ-45)	Gigabit Ethernet x 2port 1000BASE-T/100BASE-TX/10BASE-T (RJ-45)
Console port	Interface	USB 2.0 Full-Speed device (USB-Serial port)	USB 2.0 Full-Speed device (USB-Serial port)
	Number of ports	1	1
	Connector	USB micro B	USB micro B
	USB-Serial device	FTDI FT234XD (TXD/RXD, No hard-flow control)	FTDI FT234XD (TXD/RXD, No hard-flow control)
	Maximum transfer rate	115.2 kbps	115.2 kbps
SD Card slot		1	1
Serial port (RS-232C)	Interface	TIA/EIA-232 (RS-232) Serial port	TIA/EIA-232 (RS-232) Serial port
	Number of ports	1	1
	Connector	D-SUB (9 Pin-Male)	D-SUB (9 Pin-Male)
	Maximum transfer rate	115.2 kbps	115.2 kbps
	Transfer mode	Full duplex	Full duplex
	Modem signals	DTE (DTR, DSR, CTS, RTS, CD, RI)	DTE (DTR, DSR, CTS, RTS, CD, RI)
Serial port (RS-485)	Interface	TIA/EIA-485 (RS-485) Serial port	TIA/EIA-485 (RS-485) Serial port
	Number of ports	1	1
	Connector	Screw less terminal block (5/10 Pin)	Screw less terminal block (5/10 Pin)
	Maximum transfer rate	115.2 kbps	115.2 kbps
	Transfer mode	Half duplex	Half duplex
	Termination resistance	120Ω (internal)	120Ω (internal)
USB port	Interface	USB 2.0 Full-Speed device	USB 2.0 Full-Speed device
	Number of ports	1	1
	Connector	USB Type A	USB Type A
	Maximum transfer rate	115.2 kbps	115.2 kbps
	Output current	1A (Maximum)	1A (Maximum)
Digital input / output port		Digital input 2ch, Digital output 1ch (Screw less terminal block)	Digital input 2ch, Digital output 1ch (Screw less terminal block)
CPU		TI Sitara AM6412 (Dual 64-bit ARM Cortex-A53) (Internal operating frequency: 1GHz)	TI Sitara AM6412 (Dual 64-bit ARM Cortex-A53) (Internal operating frequency: 1GHz)
OS		Linux	Linux
Approvals and compliance	VCCI	Class A compliant	Class A compliant
	FCC	Class A compliant	Class A compliant
	RoHS directive	○	○
Physical dimensions and weight	Dimensions	137mm(W) × 157mm(D) × 42mm(H) ※ Exclusion: umbo	137mm(W) × 157mm(D) × 42mm(H) ※ Exclusion: umbo
	Weight	800g	780g
Environmental	Power supply	DC 9-36V	DC 9-36V
	Electrical power consumption	7W	3.6W
	Environmental operating range	-20°C~60°C , 10%~90% (noncondensing)	-20°C~65°C , 10%~90% (noncondensing)
Mobile wireless communication modules	LTE Category	LTE Cat.4	-
	Module	Quectel EG25-G miniPCIe	-
Appended goods		Rubber foot, Written guarantee of product etc.	Rubber foot, Written guarantee of product etc.