

EBOX-IMX8MM



Specifications

Processor	NXP i.MX8M Mini Quad-Core 1.6 GHz ARMCortex-A53		
Memory	1GB to 4GB LPDDR4 onboard		
Storage	eMMC: 8GB to 64GB MLC/SLC onboard		
	SD Card: SD Card Slot x1 (Internal Slot Optional)		
Display	HDMI 1.3 (max. 1920 x 1080 pixels)		
USB	USB 2.0 x3 (Front x2 + Rear x1)		
Micro USB	Micro USB x1 (Software update use only)		
HD Audio	Mic-in & Line-out (WM8960)		
Ethernet	RJ45 x2 (Intel I120 GbE x1/CPU GbE x1)		
WiFi	WiFi 802.11b/g/n		
BlueTooth	BT4.1 Combo 2.4G (Broadcom 43438)		
COM	D-sub 9-pin up to RS-232 x 4/RS-485 x 2/Console x 1		
Power Requirement	DC +12V to +36V input		
Dimension	115mm x 115mm x 35mm		
Mounting	VESA 100mm x 100mm/DIN Rail Support (Optional)		
Net Weight	700g		
Operating	0°C to +60°C		
Temperature	-40°C to +80°C (Option)		
Certifications	CE, FCC, VCCI		
O/S Support	Android 9	Yocto	Mainline Linux Kernel Support

Ordering Information

Model Type	- CPU	- DRAM	eMMC	MLC/SLC	- LAN	D-sub 9-pin I/O	WiFi/BT	Temp.
EB	- 8MM (NXP i.MX8M Mini)	- 1: 1GB	08: 8GB	M:	- I.1:	C2: RS-232 x2 / Console x 1	B:	N:
		- 2: 2GB	16: 16GB	MLC	LAN x1	C4: RS-232 x4 (No Console(*))	Included	0°C to 60°C
		- 3: 3GB	32: 32GB	S: SLC	- I.2:	F2: RS-232/RS-485 x2 (No Console(*))	N:	W:
		- 4: 4GB	64: 64GB	(eMMC)	LAN x2	F4: RS-485 x2 / Console x 1	Excluded(*)	-40°C to +80°C