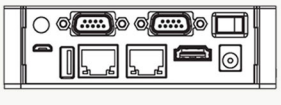
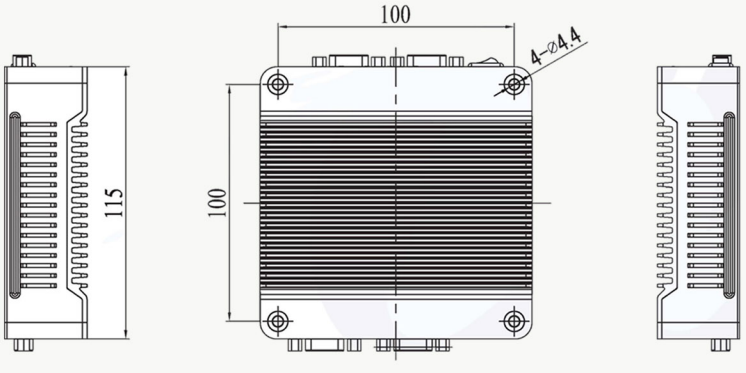
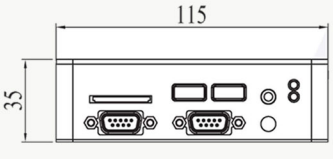
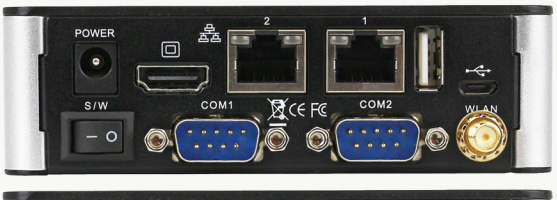
EBOX-IMX8MM Series

NXP i.MX8M Mini Quad-core 1.6 GHz ARM
Cortex-A53 processors Fanless PC
support memory 1GB up to 4GB LPDDR4,
storage 8GB up to 64GB eMMC onboard,
COM ports up to 4, Dual Giga LAN, WiFi/BT onboard.









Features

Fanless, 100x100mm VESA, DIN Rail
Wide Temperature -40~+80°C
Auto Power On

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System Specifications

Processor		NXP i.MX8M Mini Quad-core 1.6 GHz ARM Cortex-A53 processor
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 × 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 I210 GbE x1/CPU GbE x1)
WiFi/BT		WiFi 802.11b/g/n + BT4.1 Combo 2.4G (Broadcom 43438)
COM		D-Sub 9-pin up to RS-232 x4/RS-485 x2 /Console x1
Power Requirement		DC +12V~+36V input
Dimension		115 x 115 x 35 mm
Mounting		VESA 100 x 100 mm/DIN Rail Support (Optional)
Net Weight		700g
Operating Temp		0 ~ 60℃/-40~+80℃ (Optional)
Certifications		CE, FCC, VCCI
OS support		Android 9, Yocto, Mainline Linux Kernel Support

Model Type	– CPU	– DRAM	eMMC	MLC/SLC	– LAN	D-Sub 9-pin I/O	WiFi/BT	Temperature
EB	– 8MM	– 1: 1GB	08: 8GB	M: MLC	– L1: LAN x1	C2: RS-232 x2/Console x1	B: Included	N: 0~60℃
	NXP i.MX8M Mini	– 2: 2GB	16: 16GB	S: SLC	L2: LAN x2	C4: RS-232 x4 (No Console (*))	N: Excluded(*)	W: -40~+80℃
		– 3: 3GB	32: 32GB	(eMMC)		F2: RS-232/RS-485 x2 (No Console (*))		
		– 4: 4GB	64: 64GB			F4: RS-485 x2/Console x1		