

MPC-1780

ARM PC BOX



Features

- RockChip RK3588 Octa-core 64bit
- NPU 6TOPS
- HDMI IN/OUT,DP
- 2xUSB3.0 Type A, 2xUSB3.0 Type C,2xRS485,2xRS232
- 2*GbE,WiFi6&BT5.2
- Supports 4G/5G Module



Specifications

MPC-1780 Arm PC Box	
CPU	RK3588, 4*Cortex-A76@2.4GHz + 4*Cortex-A55@1.8GHz,NPU 6.0 TOPS
LPDDR5	Onboard 8GB, 16/32GB (optional)
eMMC	64GB eMMC ,128/256GB(Optional)
Display	1xHDMI In/Out, 1xDP
Audio	1x Line out(Standard 3.5mm Socket),4-pole audio jack
USB	2×USB3.0 Type C, 2×USB3.0 Type A
UART	2x RS232, 2xRS485
LTE	1 x Mini PCIe socket for 4G/5G, 1xStandard Sim Socket,1x M.2 slot for 5G module, 1x Standard SIM card socket, multiplexed with Mini PCIe slot
LAN	2x 10M/100M/1000Mbps RJ45 interface
WIFI&BT	WiFi6 2T2R+BT5.2 1T1R
GPIO	8x GPIO
Other	Dual-color Red and Green Indicator Lights
Power	Supports DC 12V / 2.5A input

Safety	1xCPU watchdog with a time interval of 0-128 seconds
Dimensions	184mm*109mm*38mm
Environment	Opert. Temp.: 0° C to 60° C (0% to 90% RH, non-condensing) Storage Temp.: -20℃~70℃
OS	Android 13/Linux

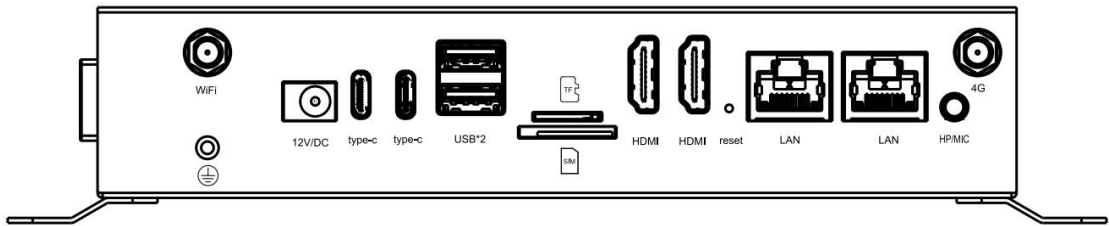
Order Information

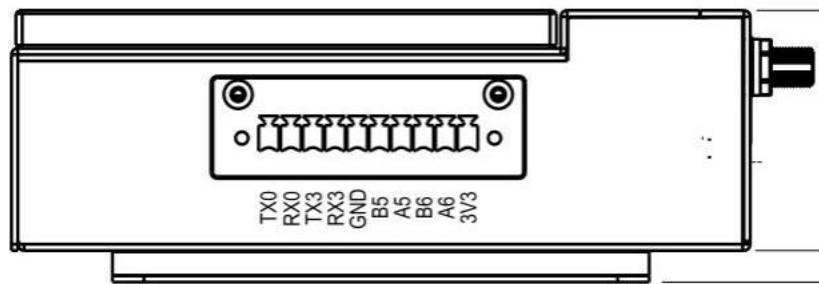
Part NO.	DDR	eMMC	LAN	RS232	RS485	LTE	Operat. Temp.
MPC-1780-L01	8GB	64GB	2	2	2	Minipcie socket	0°C to 60°C

Optional Accessories

Type	Model	Description
4G Module	EC200A-CN	cat4,Mini PCIe
4G Module	EC200N-CN	Cat1,Mini PCIe
Adapter	Chinese Standard	12V3A
External WiFi Antenna	2.4G Suction Antenna	3M Extension Cable
External 4G Antenna	4G Suction Antenna	3M Extension Cable

Interface view





Dimension

Unit: mm

