

# EMB-4521 Based on Marvell 88F6820 ARM Structure 4" Network Specific Motherboard



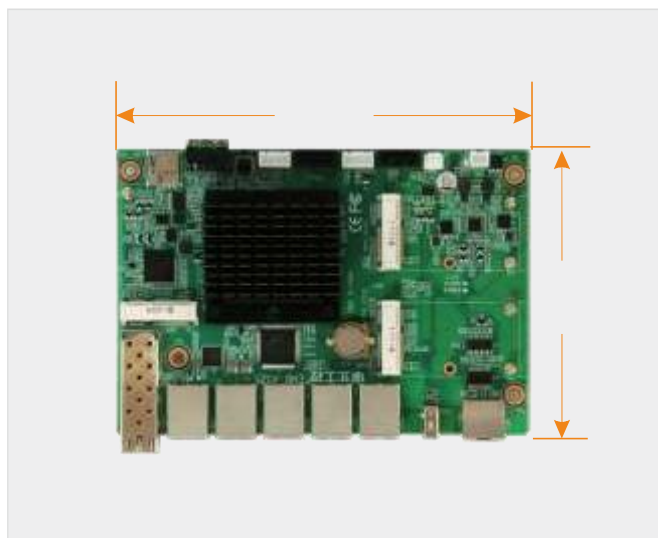
### Product:

- ◆ Based on Marvell network specific 88F6820 dual core processor
- ◆ On board 1G/2GB DDR3L memory, 4/8/16GB EMMC
- ◆ Support 2x SATA3.0, 1x USB Host, 4x LAN, 1x WAN, 1x SFP (optical port), 1x Console, support WIFI.
- ◆ Provide 3x MINI PCIe interfaces (2x support WIFI, 1x support 3/4G), 1x SIM card slot (support 3G/4G network).
- ◆ Size: 165mm x 115 mm

### Specification:

Platform	Marvell ARM platform
CPU	Marvell 88F6820 (dual core A9, 1.6G)
Memory	on board 1/2GB DDR3L memory
Storage	on board 4/8/16GB EMMC; 2x SATA3.0
GPU	----
Display	----
Ethernet	4x LAN, 10/100/1000Mbps; 1x WAN, 10/100/1000Mbps; 1x SFP WIFI Support 3G/4G network
USB	1x USB
COM	1x Console
Audio	----
Other I/O	3x MINI PCIe interfaces (2x support WIFI, 1x support 3/4G); 1x SIM card slot (supports 3G/4G network)
System Control	Reset switch, Power switch
RTC	Support
Watchdog	Support
FAN	1x SYS_FAN
Power Supply	12V 1x 2PIN connector
Temperature	Operating Temperature: -20°C ~ 60°C Storage Temperature: -40°C ~ 85°C
Humidity	5% ~ 95% RH, non-condensing
Size	146mm x 105 mm
OS	Linux

### Dimension:



### Line selection:

Part Number	Specifications and Models	Category	QTY
6.81.0360300029	RoHS dual USB line 2*5P space 2.0 Dupont / 2x USB A, without blocking, USB 2.0 grey USB line L=300mm "	USB line	2x
6.81.0260290039	RoHS 2*5P space 2.0mm socket turn DB9 PC interface box, grey flat serial port line L=290mm"	COM line	5x
6.98.1311205089	RoHS power adapter Input: 100-240V 50/60Hz 0.8A, Output: 12V 1500mA no power plug, national standard pin MODLE: GLS20W-12V1500"	12V 1.5A power adapter	1x