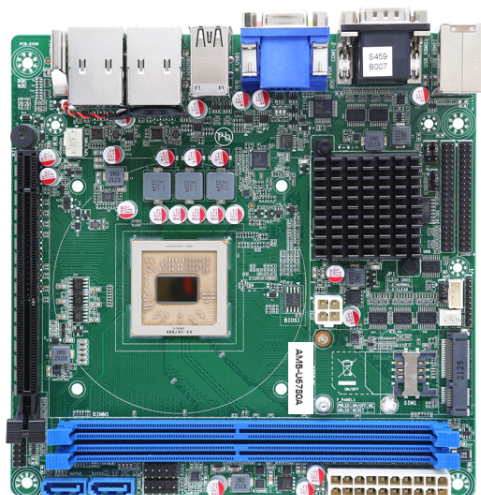


AMB-U6780A

KX-U6780A Processor Octa-Core, 2.7GHz SBC



Features

- KX-U6780A, Octa-Core, 2.7GHz
- 2 x DDR4 non-ECC U-DIMM Slot, Up to 32GB
- 1 x mSATA
- 2 x SATA Gen3 6Gbps
- 6 x COM
- 6 x USB 3.0
- 4 x USB2.0
- 2 x RJ45 GbE LAN



Mechanical & Environment

Dimension	170mm x 170mm
Operating Temp.	0~60°C (32~140°F)
Storage Temp.	-20~75°C (-4~167°F)
Relative Humidity	5-95%, non-condensing
Safety	CE, FCC compliant

Packing List

- 1 x AMB-U6780A
- 1 x Quick user guide

Ordering Information

AMB-U6780A	1 x AMB-U6780A (2.7GHz CPU ,6 x RS232,1 x mSATA, 2 x SATA ,2 x LAN, 1x PS/2) 1 x Quick User Guide
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Specification

System

CPU	KX-U6780A, Octa-Core, 2.7GHz Also supports other KaiXian KX-6000 series CPU, include: KX-U6780, Octa-Core, 2.7GHz KX-U6580, Octa-Core, 2.5GHz KX-6740A, Quad-core, 2.7GHz KX-6640A, Quad-core, 2.6GHz KX-6640MA, Quad-core, 2.2GHz
Memory	2 x DDR4 non-ECC U-DIMM Slot, Up to 32GB
BIOS	Byosoft
WatchDog Timer	Software programmable 0~255 sec.(0=disable)

Video

Video Interface	1 x HDMI (TYPE-A): 4096*2160@60Hz 1 x VGA (DB15/F): 1920x1080@60Hz
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Storage

mSATA	1 x mSATA
SATA	2 x SATA Gen3 6Gbps

I/O

Ethernet	2 x RJ45 GbE LAN
Expansion Slot	1 x Mini-PCIe, 1 x Full Size SIM Crad , 1 x PCI-E 16x
Serial Port	2 x RS232 COM1/2(DB9) 4 x RS232 COM3/4/5/6(Pin header)
USB	6 x USB3.0 4 x USB2.0
GPIO	8 x GPIO
PS/2	1 x PS/2 Connector (Keyboard & Mouse)
Audio	Realtek ALC662 5.1 Channel HDA Codec,

Power Requirement

Power Input	ATX Standard (20P + 4P) 1 x ATX 4P CPU Power Input Connector 1 x ATX 20P Power Input Connector
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Software

OS Support	Windows 7/8.1/10 and Domestic/General Linux OS
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