

MTX-29003

Intel 8th generation Whiskey Lake-U/Coffee Lake-U series
Lake-U series processors MINI ITX Board



FEATURES

- Intel 8th generation Whiskey Lake-U/Coffee Lake-U series processors
- 2 DDR4 SODIMMs, maximum 64GB
- TPM2.0 optional
- 1 HDMI2.0, 1 VGA, 1 LVDS/EDP (choose one of two)
- 1 PCIE_X4 interface, support NVMe
- 2 Intel I225 2.5G network cards (optional single network)
- 6 COM; 1 KEY-E, CNVI/PCIE/USB protocol;

MTX-29003	
CPU	Onboard Intel 8th generation Whiskey Lake-U/Coffee Lake-U series processors
BIOS	EFI BIOS
RAM	2 DDR4 2666MHz SO-DIMM dual channel, maximum support 64GB
STORAGE	2 SATA3, (select one of SATA1 and mSATA, select one of SATA2 and onboard SSD), 1 x mSATA interface, support SANDISK protocol (choose one from SATA1), Onboard SSD 32GB/64GB/128GB (choose one of onboard SSD and SATA2)
HDMI	1 HDMI2.0, 4096x2304@60Hz
VGA	1 VGA, 2048x1536
LVDS/EDP	24-bit dual-channel LVDS, 1920x1200; EDP, 4096x2304@60Hz (either LVDS or EDP)
LAN	2 Intel I225 2.5G network cards (when the I/O interface is 4 USB, there is only 1 network card)
PCIE	1 PCIE_X4 interface, support NVMe
TPM	1*TPM2.0
COM	4 RS232, 2 RS422/485 (optional 6 RS232, or 5 RS232 and 1 RS422/RS485)
USB	2 USB3.1,
AUDIO	1*LINE OUT, MIC
EXPANSION	1 KEY-E, CNVI/PCIE/USB protocol, WIFI module
PS/2	1 PS/2 pin connector
GPIO	8-bit GPIO, provide routines; support touch screen
WATCH DOG	0-255 seconds watchdog, provide watchdog routine
POWER SUPPLY	DC12V power supply (the current of the selected power supply needs to reach 7A or more)
OPERATIN TEMP	-20℃ ~ +60℃;
STORAGE TEMP	-40℃ ~ +85℃
WORKING HUMIDITY	0% ~ 90% relative humidity, no condensation
STORAGE HUMIDITY	0% ~ 90% relative humidity, non-condensing
WARANTY	2 Years
CERTIFICATION	CE, FCC
DIMENSION	170x170mm

