

E078

Based on Intel Tiger Lake-U

The JWIPC E078 AI BOX is an edge AI BOX developed based on the Intel Tiger Lake-U platform. Supporting high-performance MXM GeForce graphics cards and dual network interfaces, it is suitable for various AI edge computing scenarios, such as smart cities, intelligent transportation, smart communities, smart access control, smart retail, smart construction sites, and smart kitchen monitoring.

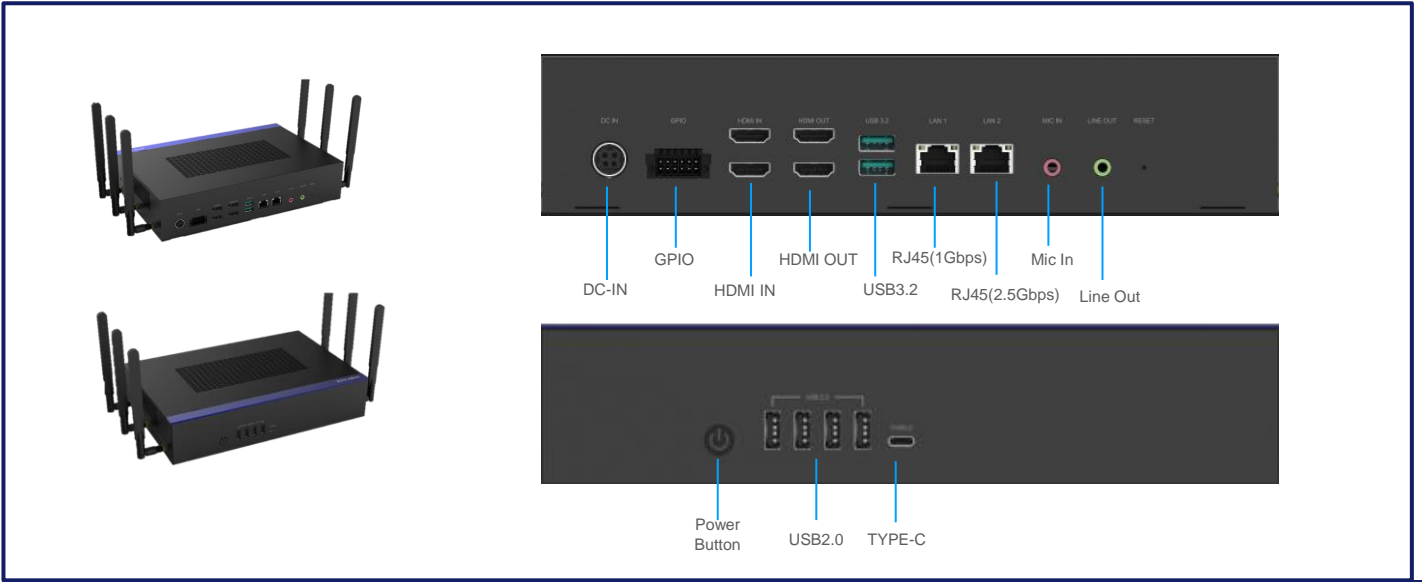


- Based on Intel Tiger Lake-U
- Support 2 x DDR4 SO-DIMM
- Support 2 x M.2 SSD
- Support 2 x HDMI IN, 2 x HDMI Out
- Support MXM Graphics
- Support 1000M and 2500M Dual Ethernet ports
- Support WIFI6
- Support 1 x 3.5mm Line Out, 1 x Mic In
- 4 x USB2.0, 2 x USB3.2, 1 x TYPE-C Full Function Ports

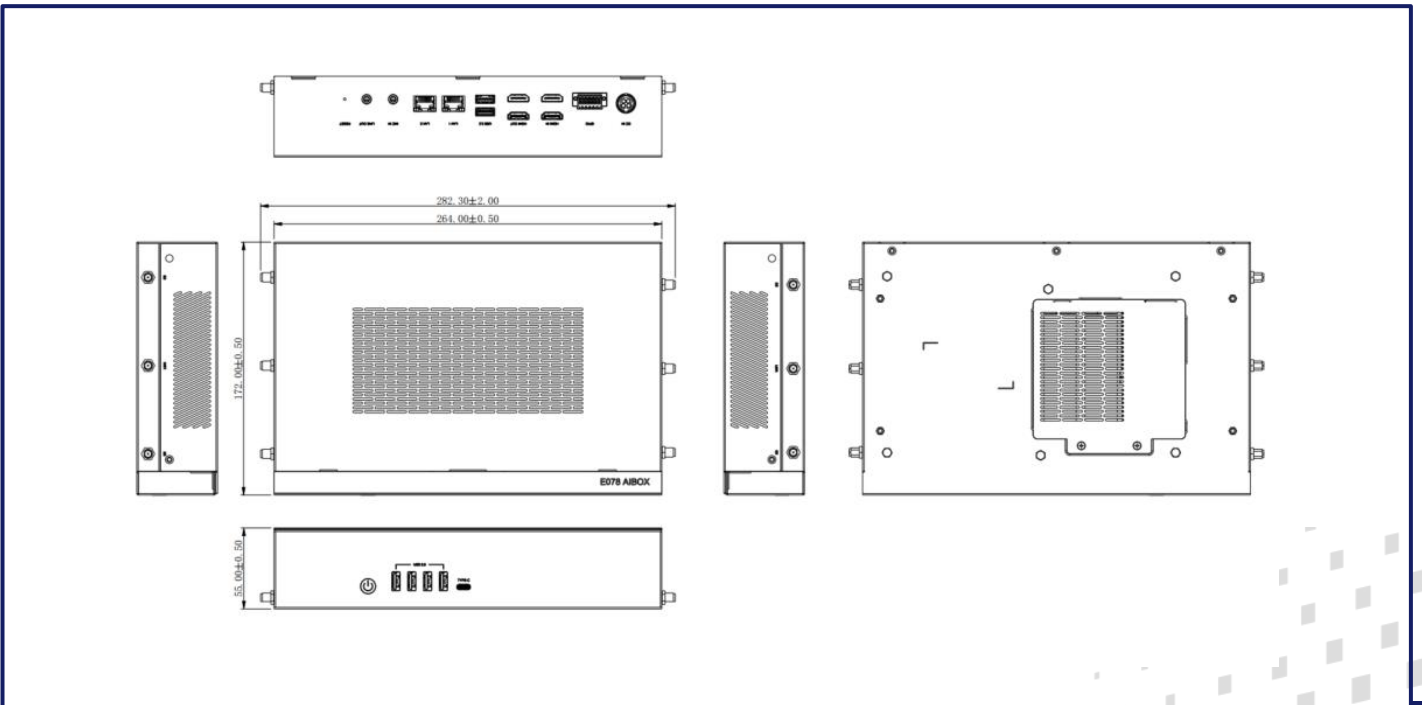
Specifications

System Controller	CPU	Intel® Tigerlake-U CPU, TDP Max 15W
	Chipset	SOC
	BIOS	AMI UEFI BIOS
Graphics	Chipset	Intel® UHD Graphics , Support RTX 3050/RTX3060 MXM dedicated graphics card
	VRAM	4GB/8GB/12GB (Dedicated graphics card)
	Support	Supports triple display
	Ports	2 x HDMI out(4K@60Hz), 2 x HDMI in(4k@30Hz), 1 x DP1.2 (From TYPE-C)
RAM	Type	2 x SO-DIMM DDR4 , up to DDR4-3200
	Max	64GB
Wired Network	IC	1 x i219V,1 x i266V
	Bandwidth	1 x 1000Mbps, 1 x 2500Mbps
	Ports	2 x RJ45
Wireless Network	Type	WIFI/BT
	Ports	1 x M.2 2230 for 802.11b/g/n/ac/ax
Storage	Type	Support SSD
	Ports	1 x M.2 2280 Nvme/SATA Adaptive , 1 x M.2 2280 Nvme
IO	Front IO	1 x Power button, 4 x USB2.0, 1 x Type-C
	Rear IO	1 x 2.5/5.5 DC IN JACK, 1 x Phoenix GPIO, 2 x HDMI in, 2 x HDMI out, 2 x USB3.2, 1 x 1000M RJ45, 1 x 2500M RJ45, 1 x Mic.in, 1 x Line out, 1 x Reset
Software	OS	WINDOWS 10/11/Linux
	Watchdog	Yes
	VPro/AMT	No
	TPM2.0	Optional
Power Supply	Input	DC-IN 19V
Dimensions	尺寸	264mm x 172mm x 55mm
Temperature and Humidity Requirements	Operating	-5°C ~50°C
	Operating Humidity	90% non-condensing
	Storage Humidity	90% non-condensing

Product view



Dimensions



Order Information

Model	Configuration
E078-A	Celeron 6305E/2*HDMI IN/2*HDMI OUT/2*Gigabit Ethernet Ports/4*USB2.0+2*USB3.0/1*TYPE-C/RTX3060/8GB/512GB
E078-B	Celeron 6305E/2*HDMI OUT/2*Gigabit Ethernet Ports/4*USB2.0+2*USB3.0/1*TYPE-C/GTX1650/4G/128GB