



Preliminary

Features

- Intel® Core™ Ultra 200H series mobile onboard processors, up to 65W
- 2x DDR5 cSO-DIMM, Max. 96GB, Non-ECC
- supports 2x Type-C, 1x HDMI and 1x DisplayPort(DP++)
- LAN 1: Intel® I226LM, supports 2.5G and iAMT
LAN 2 / LAN 3: Intel® I226V, supports 2.5G only
- 4x USB 3.2 , 2x USB Type-C, 4x USB 2.0, 2x COM
- Supports 1x PCIe (x4) [Gen.4.0]; 3x M.2 (E-key @2230 and 2x M-key @2280 & 2242)



IP201 Riser card

Specifications

System	System Mainboard	MI1005AF
	Processor	Intel® Core™ Ultra 200H series mobile Processors
	PCH	N/A
	System Speed	Up to 5.4 GHz (Core™ Ultra 9 285H)
	Memory	2x DDR5 SO-DIMM sockets, Up to DDR5-6400 cSO-DIMM memory module, Max. 96GB
I/O Interface	Front-side Panel I/O	2x USB 2.0 ports 2x Antenna holes
	Rear-side Panel I/O	1x AC-inlet 1x Power switch (rocker switch) 1x Power LED indicator 1x Storage LED indicator 2x USB2.0 ports 2x DB9 for COM#1/COM#2 (COM#1 with RS232/422/485, select from BIOS) 1x DP + 1x HDMI 2x (USB Type-C + USB3.2 Type-A + RJ45 connector) 1x (Dual USB3.2 Type-A + RJ45 connector) 1x 3-in-1 audio jack 2x Antenna holes
Storage Interface	SATA	1x 2.5" Storage drive bay
	M.2	2x M.2 (M2280 & M2242)
Expansion Slots	PCIe Expansion	1x PCIe (x4)[Gen.4.0] expansion slot
	M.2	1x E-key E2230, 2x M-key (M2280 & M2242)
	Add-on card Max. Size	111mm(W) x 168mm(D) x 18mm(H)
Power Supply	ATX Power	Industrial 250W ATX power supply Input voltage: 100V ~ 240V Input frequency: 47Hz ~ 63Hz Compatible with IEC62368-1/EN62368-1
Mechanical	Construction	SECC
	Chassis Color	Black
	Mounting Type	Wall mount & Desktop
	Dimensions	300mm (W) x 205mm (D) x 72mm (H) 11.81" (W) x 8.07" (D) x 2.83" (H)
	Weight	3.2 kg
Environmental	Operating Temperature	0°C~45°C (32°F~113°F)
	Storage Temperature	-20°C~80°C (-4°F~176°F)
	Humidity	5% ~ 90% @45C (non-condensing)
	Vibration	Non-Operating : 1.0 grms / 5~500Hz / random Operating : 0.25 grms / 5~500Hz / random
	Certification	CE / LVD / FCC Class B

Dimensions and Drawing

