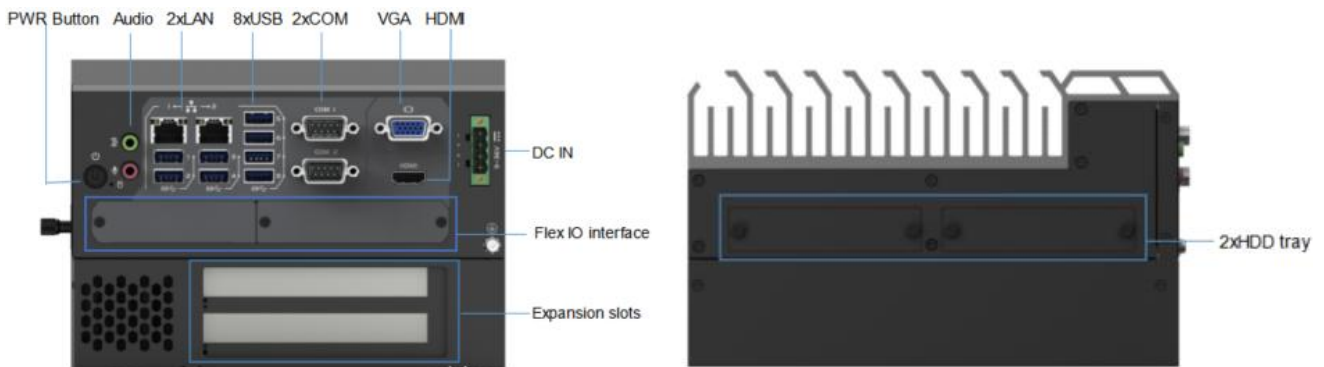


Features

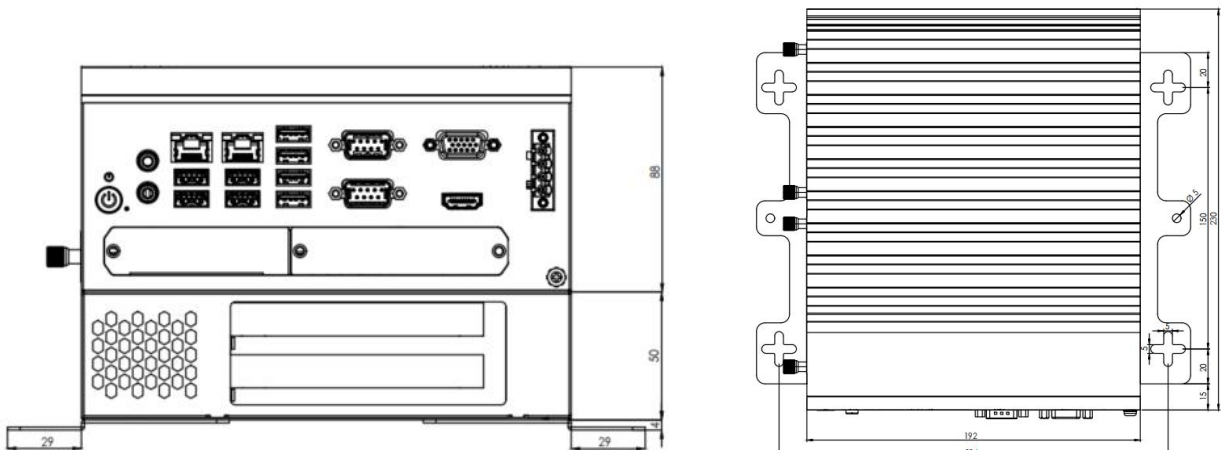
- Intel® LGA1200 10th&11th Core™i9/i7/i5/i3/Pentium®/Celeron®/Xeon Processor with W480E/H420E PCH
- 2 × SODIMM DDR4 Memory, Max 64GB
- VGA and HDMI Display
- 2 × GbE LAN, 8 x USB
- 2 x RS232/422/485
- 9~36V DC input power range
- Supports i-Modules



Product View



Dimensions



System	Processor	LGA1200 Gen 10th&11th Core™i3/i5/i7/i9 Pentium®/Celeron®/Xeon® Processor
	Chipset	W480E/H420E
	BIOS	AMI UEFI BIOS
	Memory	2x DDR4 2133/2400 MHz SO-DIMM, up to 32GB (W480E SKU support ECC)
	OS	Windows 10(64 bit), Linux OS, Ubuntu 20.04
I/O interface	USB	W480E:2xUSB3.2(Gen2), 6xUSB3.2(Gen1), 2x USB2.0(Internal), 1x USB dongle H420E:6xUSB3.2(Gen1), 2xUSB2.0, 1xUSB2.0(Internal)
	Serial	2x RS232/422/485, 4x RS232 (Optional)
	LED	Power, HDD
Expansion	Mini-PCIe/ PCI/PCIe	W480E: 1x mPCIe (via Nano-SIM, support 4G module), 1x mPCIe/mSATA H420E: 1x mPCIe (via Nano-SIM, support 4G module), 1 x mSATA Expansion layer:2PCI/1PClex16+1PCI/1PClex16+1PClex4(optional)
Graphics	Graphics Processor	Intel®UHD Graphics 630/610
	Interface	1xVGA, up to 1920*1200@60Hz 1xHDMI, up to 4096*2160@24Hz
Storage	Storage Device	2 x 2.5"HDD/SSD(1 optional) , W480E support SATA RAID 0/1, 1 x mSATA
Audio	Audio IC	Realtek ALC897
	Audio Interface	1xMic-in, 1xLine-out
Ethernet	LAN IC	1xI219LM, 1x I210AT
	Interface	2xRJ45
Power	Power Input	DC IN 9~36V
	Power Interface	4-Pole Phoenix DC plug in
Others	Watchdog Timer	1 to 255 sec./min. per step
	TPM	Optional
Mechanical	Dimensions	230mm(W)×192mm(D)×138mm(H)
	Weight	KG
	Mounting	Desk mounting
Environment	Operating Temp.	65W: -10°C~50°C(With airflow), 35W:-10°C~60°C(With airflow)
	Storage Temp.	-40~85°C
	Humidity	95% @ 40 °C (non-condensing)
	Shock	With SSD: 15G, IEC 60068-2-27, half sine, 11ms duratio
	Vibration	With SSD:2Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis With HDD:1Grms, IEC 60068-2-64, random, 5~500Hz, 1 hr/axis

Model	CPU	Display	DIMM	LAN	USB3.0	USB2.0	COM	2.5" SSD/HDD
JMC-7312W	W480E	2	2	2	8	0	2	1/2
JMC-7312H	H420E	2	2	2	4	4	2	1/2

■ Packing List

Part Number	Description	Quantity
JMC-7312	JMC-7312 barebone system	1
300600010554	Adapter,230W,AC100~240V,24V DC in	1
301800000912	Power cord	1
302300019039	Desk mounting bracket	2

■ Optional Accessories (Flex IO)

Part Number	Description
200200006474 302300018780 (BKT)	2LAN Board (only used with W480E motherboard), LAN IC:I210AT
200200006475 302300018749 (BKT)	4LAN Board (only used with W480E motherboard), LAN IC:I210AT
200200006230	2LAN+4COM Board (only used with W480E motherboard), LAN IC:I210AT
200100006635 302300018778 (BKT)	32 bit GPIO(with iosolation), only support MB with W480E PCH
301800019858 (cable) 302300018776 (BKT_R)	HDMI module (via pin header)
301800019435 (cable) 302300018736 (BKT_R)	DVI module (via pin header)
301800019434 (cable) 302300018775 (BKT_R)	DP module (via pin header)
301800014816 (cable) 302300018733 (BKT_L) 302300018743 (BKT_R)	PS2 module (via pin header)
301800019438 (1USB cable) 301800019427 (2USB cable)	USB module (via pin header)
301800012515 (cable) 302300018734 (BKT_L) 302300018744 (BKT_R)	Remote power on/off module (via pin header)

■ Optional Accessories (Flex IO)

Part Number	Description
301800019858 (HDMI cable) 301800012515 (Switch cable) 302300018777(BKT_R)	HDMI、 Remote power on/off module (via pin header)
301800012079 (cable) 302300018731(1xDB9 BKT_L) 302300018735(1xDB9 BKT_R) 302300018746(2xDB9 BKT_R)	COMport kit module (via pin header)
301800012513 (Cable_DB9) 301800015453 (Cable_DB25) 302300018779 (BKT_DB25)	GPIO module (via pin header)
302300020107	front panel with 6 COM port (optional front panel)

■ Optional Accessories (Expansion slots)

Part Number	Description
200200006383	2PCI Riser Card
200200006047	1PClex16+1PCI Riser Card
200200006467	1PClex16+1PClex4 Riser Card