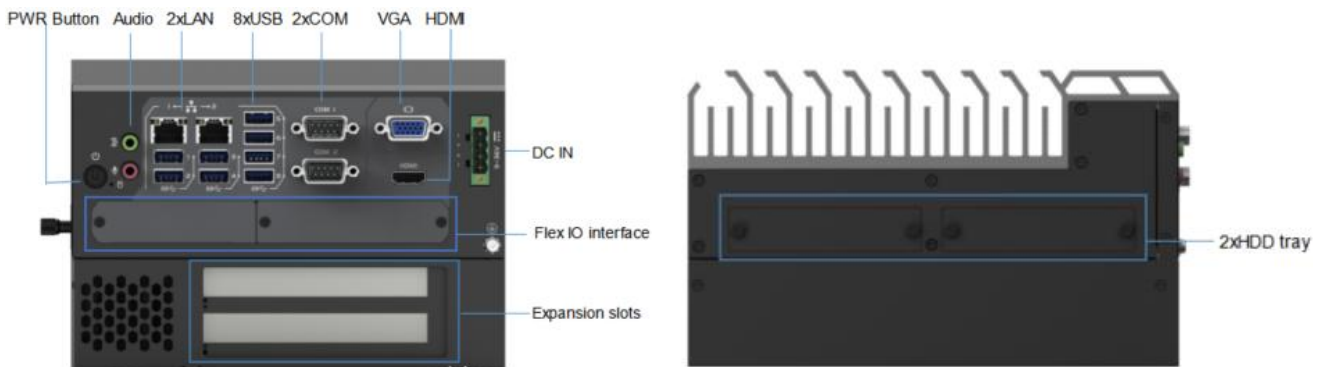




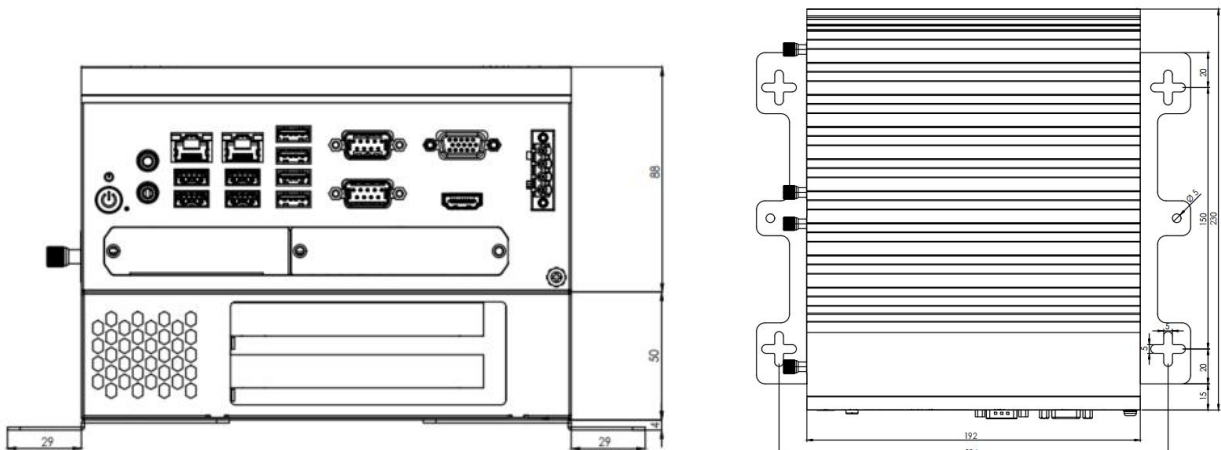
### Features

- Intel® LGA1151 6th/7th/8th/9th Core™i7/i5/i3/Pentium®/Celeron® Processor with Q170/H110 PCH
- 2 × SODIMM DDR4 Memory, max 32GB
- VGA and HDMI Display
- 2 × GbE LAN, 8xUSB
- 2 x RS232/422/485 (with isolation)
- 9~36V DC input power range
- Supports i-Modules

### Product View



### Dimensions



System	Processor	LGA1151 Gen 6th/7th/8th/9th Core™i3/i5/i7Pentium®/Celeron®Processor
	Chipset	Q170/H110
	BIOS	AMI UEFI/Legacy BIOS
	Memory	2x DDR4 2133/2400 MHz SO-DIMM, up to 32GB
	OS	7th Gen. CPU: Windows 10 (64 bit) 6th Gen. CPU: Windows 10 (64 bit), Windows 8 .1, Windows 7 Linux OS
I/O interface	USB	Q170: 8x USB3.0, 2x USB2.0(Internal), 1x USB dongle H110: 4x USB3.0, 4x USB2.0, 1x USB2.0(Internal)
	Serial	2x RS232/422/485 (with isolation), 2x RS232/422/485+2x RS-232(Optional)
	LED	Power, HDD
Expansion	Mini-PCIe/ PCI/PCIe	Q170: 1x mPCIe (via Nano-SIM, support 4G module), 1x mPCIe/mSATA H110: 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 530/510
	Interface	1xVGA, up to 1920*1200@60Hz 1xHDMI, up to 4096*2160@24Hz
Storage	Storage Device	2 x 2.5"HDD/SSD(1 optional) , Q170 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/Wall-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-7112Q	Q170	2	2	2	8	0	2	1/2
JMC-7112H	H110	2	2	2	4	4	2	1/2

## ■ Packing List

Part Number	Description	Quantity
JMC-7112	JMC-7112 barebone system	1
300600010554	Adapter,230W,AC100~240V,24V DC in	1
301800000912	Power cord	1
302300019039	Mounting bracket	2

## ■ Optional Accessories (Flex IO)

Part Number	Description
200200006474 302300018780 (BKT)	2LAN Board (only used with Q170 motherboard), LAN IC:I210AT
200200006475 302300018749 (BKT)	4LAN Board (only used with Q170 motherboard), LAN IC:I210AT
200200006230	2LAN+4COM Board (only used with Q170 motherboard), LAN IC:I210AT
200100006635 302300018778 (BKT)	32 bit GPIO(with iosolation), only support MB with Q170 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)
302300020106	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