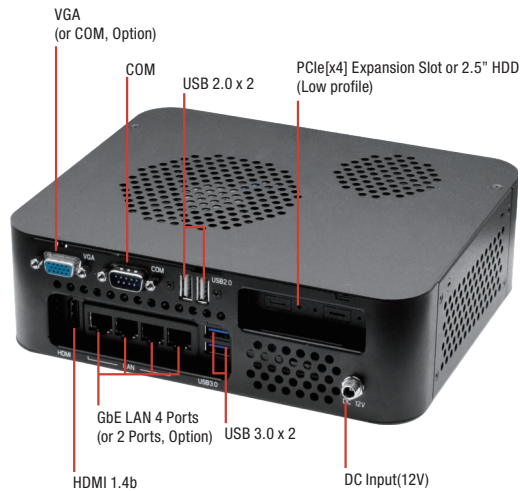


EPIC-KBS9 with 6th/7th Generation Intel® Core™ i7/i5/i3/Celeron® S-Series Processor

Front View



Rear View



Features

- DDR4 Non-ECC SODIMM Slot x 2, up to 32GB
- GbE LAN x 4 (4 ports as default, 2 ports as option), HDMI 1.4 x 1
- mSATA/Mini-PCIe Full Size x 1 (Default: mSATA, Optional for Mini-PCIe by BOM Change)
- USB3.0 x 2 (Rear IO), USB2.0 x 2 (Internal)
- RS-232/422/485 x 1 + VGA x1
- PCIe[x4] expansion slot or 2.5" HDD space
- Lockable DC 12V



I/O	RS-232/422/485 x 1 + VGA x 1 as default (2 ports RS-232/422/485 as option) USB 3.0 x 2 (Real IO) USB 2.0 x 2 (From internal header) HDMI1.4 x 1 (Native) GbE LAN x 4 (4 ports as default, 2 ports as option) Power button x 1 Power DC input x 1
Expansion	Mini-PCIe slot (Share with mSATA as above) PCIe[x4] Slot x 1 (Q170 and H170 SKU)
Indicator	Power LED on power button
Power Requirement	12V with lockable DC jack
Mechanical	
Mounting	VESA Mount (100x100mm, 94x94mm)
Dimensions (W x H x D)	216x180x65mm (Unit size) 32x29x13.5cm (With Packing)
Gross Weight	3 kg
Net Weight	2 kg
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 50°C)
Storage Temperature	-4°F ~ 176°F (-20°C ~ 80°C)
Storage Humidity	0 ~ 90% @ 40°C, non-condensing
Anti-Vibration	1 Grms/ 5 ~ 500Hz/ operation – with mSATA
Certification	CE/FCC class A

Specifications

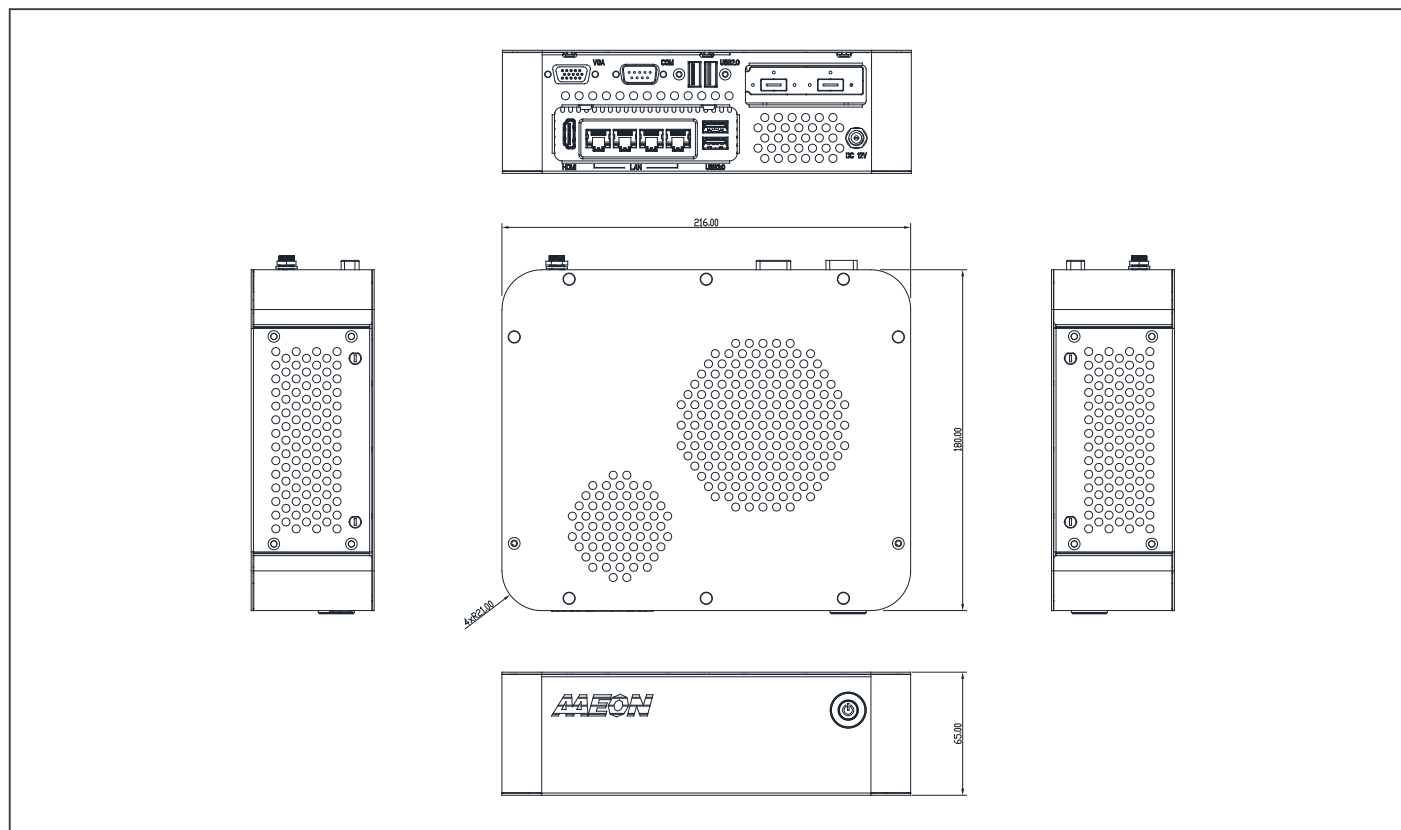
System	
CPU	CPU Socket Type
CPU Frequency	7th Generation Intel® Core™ Processor family: Intel® Core™ i7-7700, 3.6 GHz(65W) Intel® Core™ i7-7700T, 2.9 GHz(35W) Intel® Core™ i5-7500, 3.4 GHz(65W) Intel® Core™ i5-7500T, 2.8 GHz(35W) Intel® Core™ i3-7101E, 3.9 GHz(54W) Intel® Core™ i3-7101TE, 3.4 GHz(35W) Intel® Celeron® G3930TE, 2.7 GHz(35W) 6th Generation Intel® Core™ Processor family: Intel® Core™ i7-6700, 3.4 GHz(65W) Intel® Core™ i7-6700TE, 2.4 GHz(35W) Intel® Core™ i5-6500, 3.2 GHz(65W) Intel® Core™ i5-6500TE, 2.3 GHz(35W) Intel® Core™ i3-6100, 3.7 GHz(65W) Intel® Core™ i3-6100TE, 2.7 GHz(35W) Intel® Celeron® G3900TE, 2.3 GHz(35W) (Support 35-65W)
Chipset	H110/H170/Q170 (TDP: 6W)
System Memory	DDR4 (Non-ECC) Memory slot x 2, up to 32GB
Display Interface	HDMI x 1, VGA x 1
Storage Device	Full size mSATA x1 (Default) or 2.5" HDD x1 (Optional)
Ethernet	Intel® I211, 10/100/1000Base-TX x 4 (4 ports as default, 2 ports as option)

Packing List

- EPIC-KBS9-PUC

Dimension

Unit: mm



Ordering Information

Part Number	CPU	Memory	Thermal	Display	Storage	LAN	USB	RS-232/422/485	Expansion Slot	Power	Operating Temp
EPIC-KBS9-PUC-A10-0002 (H170)	—	DDR4 SO-DIMM x 2 (up to 32 GB)	FAN	HDMI1.4 VGA	SATA 3.0 x 1	GbE x 4	USB3.0 x 2 USB2.0 x 2	1	PCIe[x4] x1, mSATA /MiniCard x 1 (Full) (by BIOS change for mPCIe)	+12V	0°C ~ 50°C
EPIC-KBS9-PUC-A10-0003 (Q170)	—	DDR4 SO-DIMM x 2 (up to 32 GB)	FAN	HDMI1.4 VGA	SATA 3.0 x 1	GbE x 4	USB3.0 x 2 USB2.0 x 2	1	PCIe[x4] x1, mSATA /MiniCard x 1 (Full) (by BIOS change for mPCIe)	+12V	0°C ~ 50°C
EPIC-KBS9-PUC-A10-0004 (H110)	—	DDR4 SO-DIMM x 2 (up to 32 GB)	FAN	HDMI1.4 VGA	SATA 3.0 x 1	GbE x 4	USB3.0 x 2 USB2.0 x 2	1	mSATA /MiniCard x 1 (Full) (by BOM change for mPCIe)	+12V	0°C ~ 50°C

Optional Accessories

Part Number	Description	QTY
125530060A	Power Adapter:12V/5A.60W. FSP.FSP060-DIBAN2	1
1255900842	Power Adapter. 12V.7A.84W. FSP.FSP084-DIBAN2	1
1255300960	Power Adapter:12V/8A.96W. FSP.FSP096-AHAN3	1
1702031802	PWR Cord (US Type)	1
1702031803	PWR Cord (Europe Type)	1
170203180E	PWR Cord (Japan)	1
9741EPIC01	VESA Bracket Kit	1
9741KBS903	Wall mount Kit	1
9697T45701-S	PER-T457 module for TPM 2.0	1
1703120250	TPM Cable (25cm)	1

Expansion kit

Part Number	Description	Note
9741KBS900	Graphics card Riser Kit	Graphics card not included (GT 1030 Low Profile D4 2G Graphics AAEON PN: 9686103002)
9741KBS901	Riser USB 2port Kit	Riser USB PN: PER-T500-A10-00
9741KBS902	put 2.5" HDD Kit	2.5" HDD not included

Note: Expansion kits are optional and either or solution.
9741KBS900/9741KBS901 are for H170/Q170 SKU selection only.
Welcome to contact AAEON for further frame grabber required.