

MegaEdge

PCIe Series AIP-KQ67-A1

Features

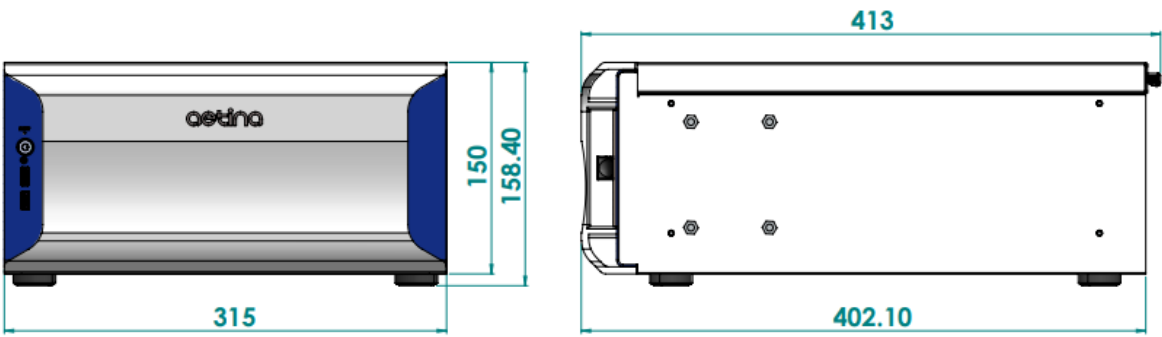


- Intel ® 12th /13th Gen. processor with Intel Q670E chipset
- Support Four DDR5 U-DIMM up to 128GB
- Three independent Displays: 2 DP++/ 1 HDMI
- PCIe x16 Graphics card support up to 300W
- Multiple Expansion: 1 PCIe16 support Gen5, 2 PCIe4, 1 PCIe2, 1x M.2 M Key, 1x M.2 E Key
- Multiple I/O: 4 LAN(1x 1GbE, 3 2.5GbE), 1 USB3.2 Gen2x2(Type C), 6 USB3.2 Gen2x1(Type A)
- Expansion I/O: 2 USB2.0

Specifications

Model Name	AIP-KQ67-A1
CPU	Intel 12/13th Gen Processor
Graphics	Intel UHD Graphics 770 driven by Xe Architecture
Chipset	Intel Q670E
Feature	OpenGL 4.5, DirectX 12, Open CL 1.2, Vulkan 1.1 HW Decode: H.2641/AVC, H.265/HEVC, AV1, MJPEG HW Encode: H.2641/AVC, H.265/HEVC, AV1, MJPEG
System Memory	Four 288-pin U-DIMM up to 128GB(4000MHz with 4 DIMM)
Storage	2x 2.5"SATA SSD 1 x M.2 2280 M Key
Power Button	Power Button(Front I/O)
USB	2 x USB 2.0(Front I/O) 6 x USB 3.2 Gen2x1 (Type-A), up to 10G 1 x USB 3.2 Gen2x2 (Type-C), up to 20G
Display Out	2 x DP++, resolution up to 4K @ 60Hz 1x HDMI, resolution up to 8K @60Hz
LAN	4 (1x1GbE, 3x2.5GbE, support by PCH)
Expansion Slots	1 x PCIe16 Gen5 2 x PCIe4 1 x PCIe2 1 x M.2 2230 E Key
Audio	3 x Jack support Line out/Line in/Mic in
Power Input /Connector	500W: AC 100-240V, 60~50 Hz, 8-4A 850W: AC 100-240V, 60~50 Hz, 10-6A, FLEX ATX PSU
Power Output Wattage	500W PSU(850W Option)
Dimension(D x W x H)	413 x 315 x 159mm
GPU Card support Dimension (D x W x H)	Based on NVFF5.0 39 x 312 x 112 mm (for Dual slots card) 19 x 312 x 112 mm (for Single Slot card)
Net Weight	10kg
Vibration (Operating)	1Grms,IEC60068-2-64,Random,5 ~ 500 Hz ,1Hr / Axis(w/CPU Cooler)
Shock (Operating)	10G,IEC 60068-2-27, Half Sine, 11 ms Duration(w/CPU Cooler)
Temperature	Operating Temp.: -10°C~50°C with 0.5m/s air flow(w/75W GPU) Storage Temp.: -40°C ~ +85°C (- 40°F ~ 185°F)
Humidity	95% @ 40°C Related Humidity, Non-condensing
OS Support	Microsoft Windows 10/ Linux
Security	TPM 2.0
Certification	CE / FCC / LVD / UKCA / RoHS

System & Mounting Dimension



I/O Layout



Ordering Information

Model name	Description
AIP-KQ67-A1	Bare system with 500W Flex ATX PSU, 65W CPU Cooler and 8x SATA screws ,(w/o CPU, RAM, SSD, GPU card)
	Bare system with 850W Flex ATX PSU ,125W CPU Cooler, (w/o CPU, RAM, SSD, GPU card)

Accessory (Optional)

Model name	Part No.	Description
US POWER CABLE	32-010000-0005	US POWER CORD SVT 18AWG 3C SL-2+SL-3 CABLE 1800mm BLACK 105°C
EU POWER CABLE	32-010000-0006	EU POWER CORD H05VV-F 0.75mm2/3G SL-6+SL-3 CABLE 1800mm BLACK
PSE POWER CABLE	32-010000-0008	PSE SL-2+SL-3 CABLE 1800mm BLACK

GPU Card (Optional)

Model name	Part No.	Description
NVIDIA A2	91-0200A2-0000	PCIe Gen4.0 x8, 16GB GDDR6 w/ECC, Low-Profile, 1 Slot, Passive thermal, 60W, 0°C to +50°C
N4060-VSFX-A1	92-2R4060-1001	PCIe Gen4.0 x16, 8GB GDDR6, 3x DP/HDMI, Full-Height, 2 Slot, Active Thermal, 115W, 0°C to +55°C
NVIDIA RTX A6000	91-02A600-0000	PCIe Gen4.0 x16, 48GB GDDR6, 4x DP, Full-Height, 2 Slot, Active thermal, 300W, 0°C to +45°C

