

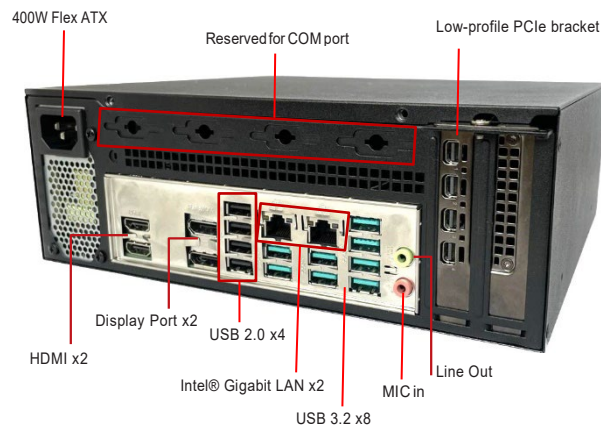
ACS-N200-Q670

2U Embedded Chassis with 12/13th Generation Intel® Core™ Processor

Front View



Rear



Features

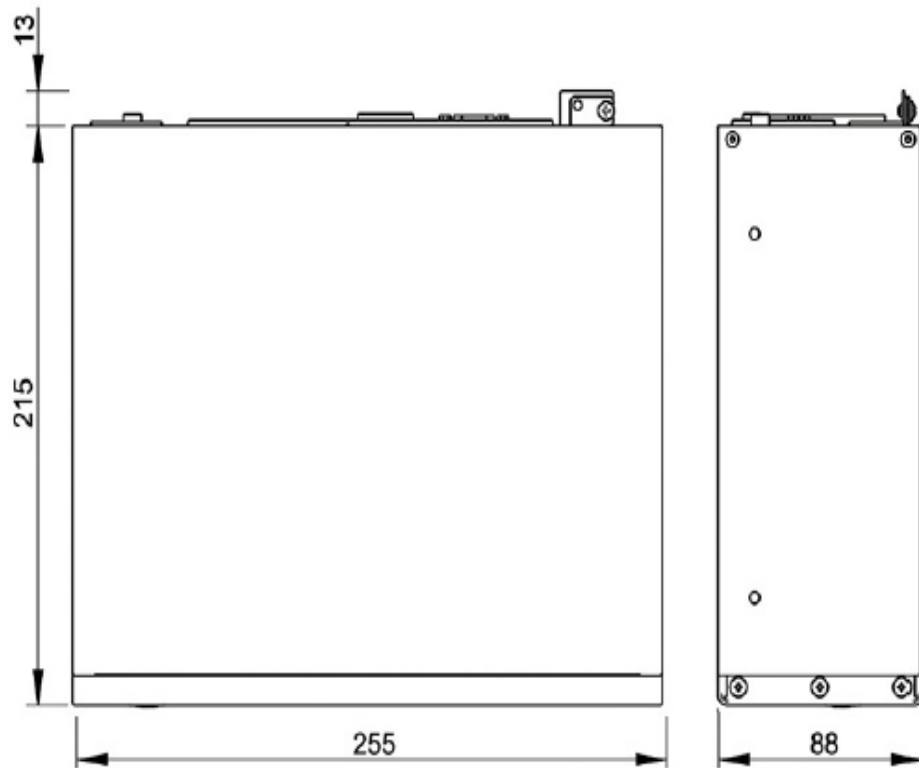
- Industrial computer/workstation for automation and AI edge Computing
- Intel 12th/13th Gen. Intel® Core™ LGA1700 Processor with Q670 chipset
- DDR5 4800MHz SODIMM x 2, Up to 64GB, Non-ECC
- M.2 Slot (M Key), M.2 Slot (B key) x 1
- USB 3.2 Port x 10, USB 2.0 Port x 4
- Intel® LAN 210AT x 1, 219LM x 1
- SATA 6.0 Gb/s x 2
- PCI-Express [x16] (Gen3) x 1
- Support 3.5" x 1 or 2.5" x 2 storage drive

Specifications

System	
CPU	12th/13th Gen. Intel® Core™ LGA 1700 socket Processor (formerly Alder Lake-S/ Raptor Lake-S)
PCH	Intel® Q670 Express Chipset
System Memory	DDR5 4800MHz SODIMM x 2, Up to 64GB, Non-ECC, Un-buffered Memory, Dual channel memory architecture
I/O Chipset	NCT6126 D
	HDMI x 2 VGA x 2
Storage	SATA3.0 (6.0Gb/s) x 2 M.2 M-key (22 x 80mm) x 1
Storage Devices	Internal 3.5" x 1 or 2.5" x 2 storage drive
Audio	Realtek® ALC897 Mic-in x 1, Line-out x 1
Ethernet	Intel® GbELAN i219LM x 1 Intel® GbELAN i210AT x 3
TPM	TPM2.0 IC onboard
H/W Monitor	Temperature Monitor on CPU/Chassis, Voltage Monitor on Vcore/5V/3.3V/12V, Fan Monitor on CPU/Chassis
Watchdog Timer	1~255 steps by software program
Smart Fan control	CPU Fan x1 Chassis Fan x 1
Wake On LAN/ PXE	Yes (WOL / PXE)
Power State	S3, S4, S5
System Fan	80mm PWM fan x 1
I/O	
Front Panel	Power button x 1
Rear Panel I/O	USB 3.2 x 8 USB 2.0 x 4 HDMI x 2, DP x 2 Intel Gigalax x 2, Line-out and Mic-in
Internal I/Oconnectors	USB 3.0 pin header x 1 (support additional USB3.2 Gen1 x 2ports)
Expansion	PCIe3.0 [x16] x 1 SATA 3.0 (6.0Gb/s) x 2 M.2 M-key (2280) x 1 M.2 B key (3042/3052;PCIex1) x 1
Power	
Battery	—
Power Requirement	ATX power supply Input:90~264V Output:400W
Mechanical	
Color	Black
Dimensions (W X H X D)	215 (D) x 255 (W) x 88 (H) (mm)
Gross Weight	TBC
Net Weight	TBC
Environmental	
Operating Temperature	0°C ~ 40°C
Storage Temperature	-20°C ~ 70°C
Storage Humidity	0%~90%RH, non-condensing

Dimension

Unit: mm



Packing List

- **Accessory box**
Cable and screw bag

Optional Accessories

- **AP-FNTH11700020**
1U CPU cooler for LGA1700, TDP up to 125W, 12V, 5400RPM, Smart
- **EP-CBPC250V3PEU**
Power Cord (Europe)

Ordering Information

- **ACS-N200-Q670-A10-0001**
2U Embedded IPC with Q670, 2 LAN ports, 400W ATX power supply, Black color

Note: All specifications are subject to change without notice.

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