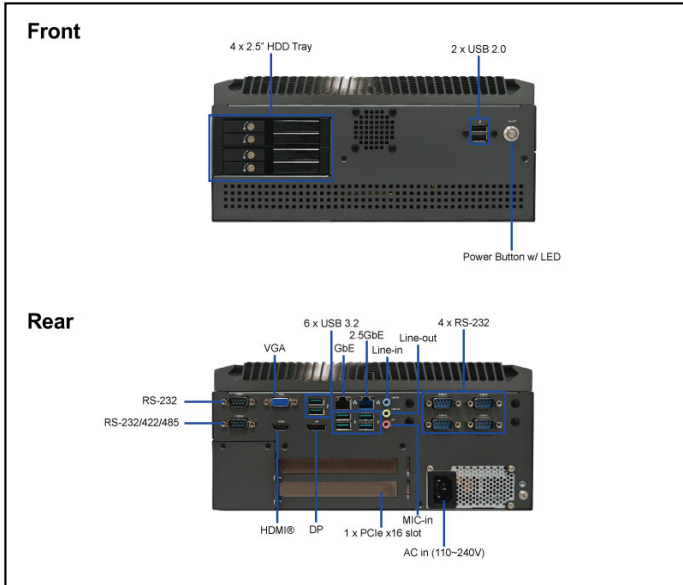


Intel® Alder Lake-S Q670E Chip, Support LGA1700 CPU, DDR5 up to 64GB, support AC 110~240V



## Features

- Intel® LGA1700 Socket Core I3,I5,I7 Pentium Processor (Max 35W)
- Support 2 x DDR5 5600 MT/s SO-DIMM, up to 64GB
- 1 x Intel® I219-LM GbE, 1 x Intel® I226-V 2.5GbE
- 1 x M.2 M key (2242, PCIe4 interfac, support NVMe), 1 x M.2 M key(2280, PCIe4 interfac, support NVMe)
- 1 x M.2 B-key (3042, PCIe1/USB3.2) support 4G/5G
- 1 x PCIe x16 (Gen.4) slot
- 4 x 2.5" HDD Tray, support Hot plug
- AC 110~240V Input

## Packing List

PART NUMBER	DESCRIPTION	QTY
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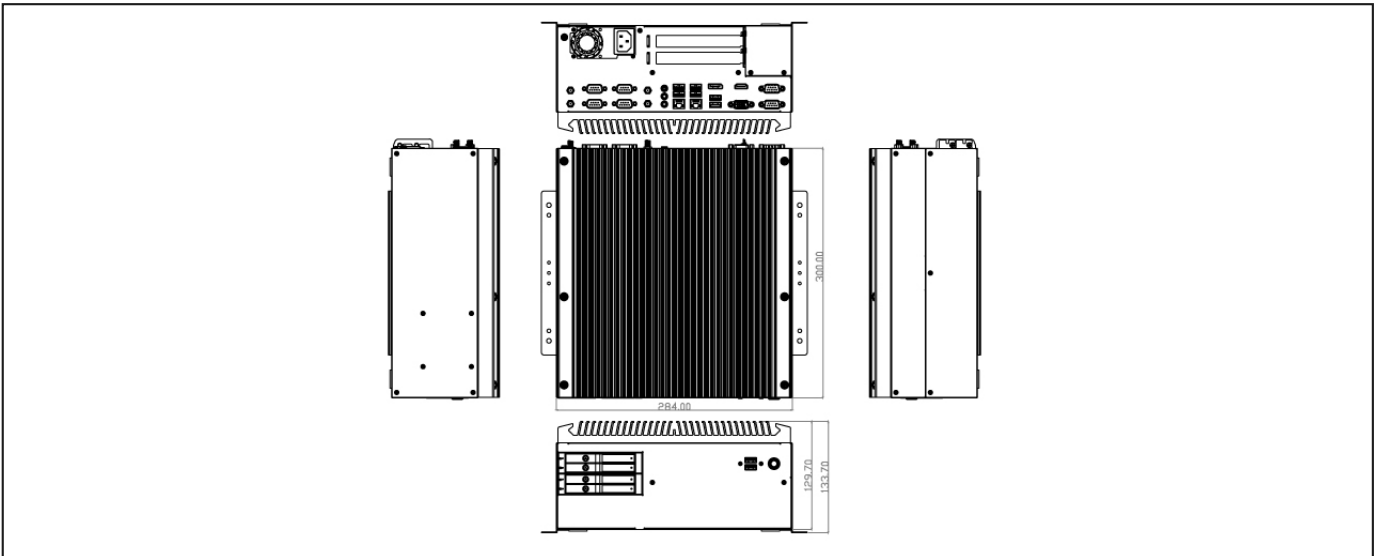
## Optional Accessory

PART NUMBER	DESCRIPTION	QTY
HCS910MWM01B-F	WALL MOUNT KITS	2

## Specifications

SYSTEM	
MB FORM FACTOR	Performance
CPU	Intel® LGA1700 12/13/14th Gen Socket Processor (Formerly Alder Lake-S, TDP 35W)
CHIPSET	Intel® Q670E
MEMORY	2 x DDR5 5600MT/s SO-DIMM, up to 64GB (Intel® 13th/14th Gen CPU)
BIOS	AMI 256Mb Flash ROM
WAKE ON LAN	Yes
WATCHDOG TIMER	255 Levels
SECURITY	Intel® PTT (Integrated fTPM) & TPM 2.0 (dTPM)
RTC BATTERY	Lithium Battery
OS SUPPORT	Windows® 10 (64bit), Windows® 11 (64bit), Linux
POWER	
POWER REQUIREMENT	Flex-ATX, 500 W
POWER ON MODE	AT / ATX
DISPLAY	
GPU	Intel® UHD Graphics
DP	1 x DP 1.4a (Max Resolution: 8K@60Hz)
HDMI®	1 x HDMI® 2.0b (Max Resolution: 4096 x 2160@60Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
MULTIPLE DISPLAY	Support 3 Displays
LAN	
ETHERNET	1 x RJ45 for Intel® I219-LM GbE 1 x RJ45 for Intel® I226-V 2.5GbE
SYSTEM I/O	
REAR PANEL I/O	6 x USB 3.2 Gen 2 1 x HDMI® 1 x DP 1 x VGA 2 x RJ45 1 x RS-232/422/485 5 x RS-232 1 x AC-in 4 x Antenna Holes 1 x Audio (Line-in, Line out, MIC)
FRONT PANEL I/O	2 x USB 2.0 1 x Power Button 1 x Power LED
STORAGE	
SATA	4 x 2.5" HDD Tray (support Hot plug) 4 x SATA III
RAID	Intel® VMD RAID 0, 1 & SATA RAID 0, 1, 5, 10
EXPANSION	
PCIe	1 x PCI Express x16 (Gen 4) Max support 135 * 285mm Expansion card
M.2	1 x B-Key 3042 (PCIe x1/USB3.2) support 4G/5G module 1 x E-Key 2230 (USB 2.0/PCIe Gen 3 x1) support CNVio 1 x M-Key 2280 (PCIe Gen 3 x4 interface) support NVMe 1 x M-Key 2242 (PCIe Gen 4 x4/SATA interface) support NVMe
MECHANICAL	
MOUNTING	Wall Mount
DIMENSIONS (W x H x D)	284.0 (W) x 300.0 (D) x 133.7 (H) mm
ENVIRONMENT & CERTIFICATION	
OPERATING TEMPERATURE	-10°C ~ 60°C (14°F ~ 140°F)
STORAGE TEMPERATURE	-20°C ~ 70°C (-4°F ~ 158°F)
OPERATING HUMIDITY	10 ~ 95% @ 40°C, Non-condensing
CERTIFICATION	CE/FCC Class A
ESG DECLARATION	EU RoHS, China RoHS, ErP, REACH (Option)

Dimension Unit: mm



## Ordering Information

PART NUMBER	B912I225-6700-N	B912I225-6702-N
CPU	Intel® Socket LGA1700 CPU	Intel® Socket LGA1700 CPU
MEMORY	2 x DDR5 SO-DIMM, up to 64GB	2 x DDR5 SO-DIMM, up to 64GB
SECURITY	Intel® PTT (Integrated TPM)	TPM 2.0 (dTPM)
POWER REQUIREMENT	ATX Power Supply	ATX Power Supply
GPU	Intel® UHD Graphics	Intel® UHD Graphics
DP	1 x DP	1 x DP
HDMI	1 x HDMI®	1 x HDMI®
VGA	1 x VGA	1 x VGA
MULTIPLE DISPLAY	Support 3 Displays	Support 3 Displays
ETHERNET	1 x GbE	1 x GbE
ETHERNET	1 x 2.5GbE	1 x 2.5GbE
I/O	6 x USB 3.2 Gen 2	6 x USB 3.2 Gen 2
I/O	1 x HDMI®	1 x HDMI®
I/O	1 x DP	1 x DP
I/O	1 x VGA	1 x VGA
I/O	2 x RJ45	2 x RJ45
I/O	1 x RS-232/422/485	1 x RS-232/422/485
I/O	5 x RS-232	5 x RS-232
I/O	1 x Audio (Line-in, Line-out, MIC)	1 x Audio (Line-in, Line-out, MIC)
I/O	1 X AC in	1 X AC in
I/O	4 x WIFI ANT	4 x WIFI ANT
I/O	2 x USB 2.0	2 x USB 2.0
I/O	1 x Power LED	1 x Power LED
I/O	1 x Power Button	1 x Power Button
I/O	4 x 2.5" HDD Tray	4 x 2.5" HDD Tray
SATA	4 x SATA III	4 x SATA III
PCIe	1 x PCIe x16	1 x PCIe x16
M.2	1 x M-Key 2280	1 x M-Key 2280
M.2	1 x M-Key 2242	1 x M-Key 2242