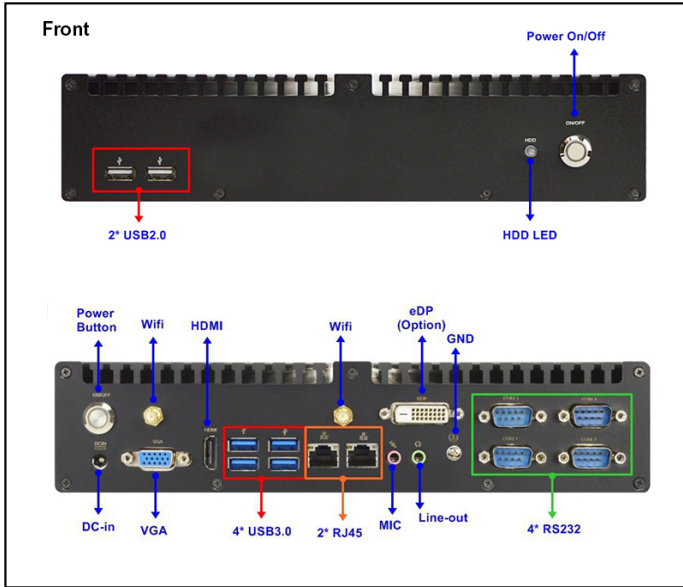


Fanless System with Intel® 8th/9th Gen CPU, H310 Chipset, 12–24V DC-in Support



Features

- Powered by Intel® 8th/9th Gen LGA1151 Socket Processor (Coffee Lake, Max 35W)
- Dual Channel DDR4, up to 32GB
- Dual Networking: 1 x GbE, 1 x 2.5GbE for fast, reliable connections
- Versatile Display Options: 1 x HDMI (4K), 1 x VGA, and Optional eDP (4K) for flexible display setups
- Comprehensive I/O: 4 x RS232, 4 x USB 3.0
- Storage & Expansion: 1 x SATA III (6Gb/s), 1 x M.2 M-key, 1 x M.2 E-Key, and 1 x PCIe x4 slot
- Wide Voltage Power Input: 12–24V DC-in for industrial applications

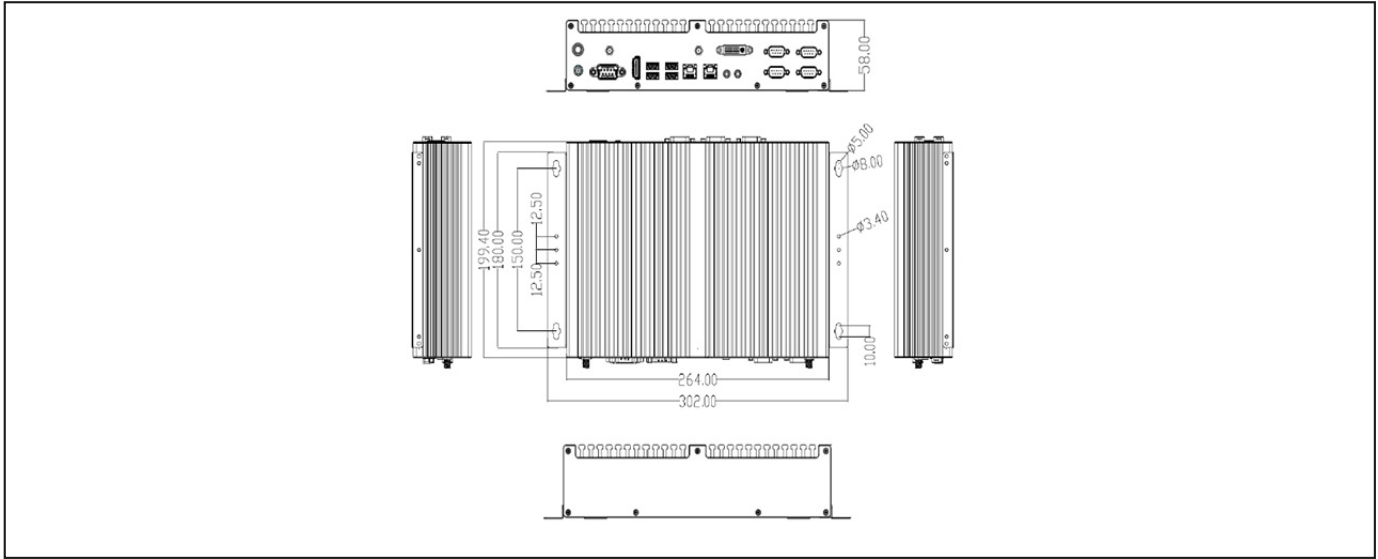
Packing List

PART NUMBER	DESCRIPTION	QTY
HBJC501C8HV-H310 Series	HBJC501C8HV-H310 Series	1
L01AS039-F	Adapter 19V/120W/6.32A	1
Change According to Shipping Area	Power Cord	1
J05-ANT-GX57245-F	L-Antenna2G4/5G (Wifi Only)	1
HCS5XXMWM01B-1F	JC5XX_Wall Mount	1

Specifications

SYSTEM	
MB FORM FACTOR	Mini-ITX
CPU	Intel® LGA1151 8th Gen Socket Processor (Formerly Coffee Lake-S, TDP 35W)
CHIPSET	Intel® H310
MEMORY	2 x DDR4 2133MHz, Dual Channel SO-DIMM, up to 32GB
BIOS	AMI Flash ROM
OS SUPPORT	Windows® 11 (64bit) Windows® 10 (64bit) Linux
POWER	
POWER REQUIREMENT	DC-in 12–24V 120W Adapter: AC90–240V, DC19V/6.32A
POWER ON MODE	AT / ATX
DISPLAY	
eDP	1 x eDP (Option, Max. Resolution: 4096 x 2304@60Hz)
HDMI	1 x HDMI (Max Resolution: 4096 x 2160@30Hz)
VGA	1 x VGA (Max Resolution: 1920 x 1080 @60Hz)
MULTIPLE DISPLAY	Optional support Triple Displays
LAN	
ETHERNET	1 x RJ45 for Intel® I219-V GbE 1 x RJ45 for Intel® I226-V 2.5GbE
SYSTEM I/O	
REAR PANEL I/O	4 x USB 3.0 1 x HDMI 1 x VGA 1 x eDP 2 x RJ45 4 x RS-232 1 x Audio (Line out, MIC) 1 x DC Jack 1 x Power Button 2 x WIFI Antenna Holes
STORAGE	
SATA	1 x 2.5" SATA 6Gb/s internal drive bay (only Support 2.5" HDD with a height ≤ 10mm)
EXPANSION	
M.2	1 x M-Key 2242 1 x E-Key 2230
PCI-E	1 x PCI-E x4
OTHERS	
OTHER	WiFi (Optional)
MECHANICAL	
MOUNTING	Wall Mount
DIMENSIONS (W x D x H)	264.0 (W) x 199.4 (D) x 58.0 (H) mm (7.92" x 5.98" x 1.74")
ENVIRONMENT & CERTIFICATION	
SHOCK	15G, 11ms duration
VIBRATION	1 Grms/ 5- 500Hz/ Operation
OPERATING TEMPERATURE	-10°C - 50°C (14°F - 123°F)
STORAGE TEMPERATURE	-20°C - 60°C (-4°F - 140°F)
OPERATING HUMIDITY	10 - 90% Relative Humidity, Non-condensing
STORAGE HUMIDITY	0 - 95% Relative Humidity, Non-condensing
CERTIFICATION	CE/FCC Class A UL
ESG DECLARATION	EU RoHS China RoHS

Dimension Unit: mm



Ordering Information

PART NUMBER	HBJC501C8HV-H310	HBJC501C8HVI-H310
CPU	Intel® Socket LGA1151 CPU	Intel® Socket LGA1151 CPU
POWER REQUIREMENT	DC-in 12-24V	DC-in 12-24V
eDP	1 x eDP (Optional)	1 x eDP (Optional)
HDMI	1 x HDMI	1 x HDMI
VGA	1 x VGA	1 x VGA
MULTIPLE DISPLAY	Optional Support 3 Displays	Optional Support 3 Displays
ETHERNET	1 x GbE	1 x GbE
ETHERNET	1 x 2.5GbE	1 x 2.5GbE
I/O	4 x USB 3.0	4 x USB 3.0
I/O	4 x COM	4 x COM
I/O	1 x MIC-in	1 x MIC-in
I/O	1 x Line-out	1 x Line-out
I/O	1 x DC Jack	1 x DC Jack
I/O	1 x Power Button	1 x Power Button
I/O	1 x GND Hold	1 x GND Hold
I/O	2 x SMA	2 x SMA
SATA	1 x SATA III	1 x SATA III
M.2	1 x M-Key 2242	1 x M-Key 2242
M.2	1 x E-Key 2230	1 x E-Key 2230
PCIe	1 x PCIe x4	1 x PCIe x4
OTHER		Wifi
OPERATING TEMPERATURE	-10°C - 50°C (14°F - 123°F)	-10°C - 50°C (14°F - 123°F)