

QBIX-JMB-CFLA310H-A1

Industrial system with Intel® H310 Chipset, support for Intel® 9th/8th Gen Processor / Display Port/ DVI-D port/VGA port/ USB 3.0/ USB 2.0/COM ports /4 GbE LAN ports /M.2 slots



Features

- System Size : 224W x 257D x 77H (mm)
- Intel® 9th/8th Gen Processor, TDP 65W
- Dual Channel DDR4, 2 x SO-DIMMs
- DVI-D, VGA & DP ports for multiple display
- 4 x GbE LAN ports
- 4 x COM ports
- 8 x USB ports

Specifications

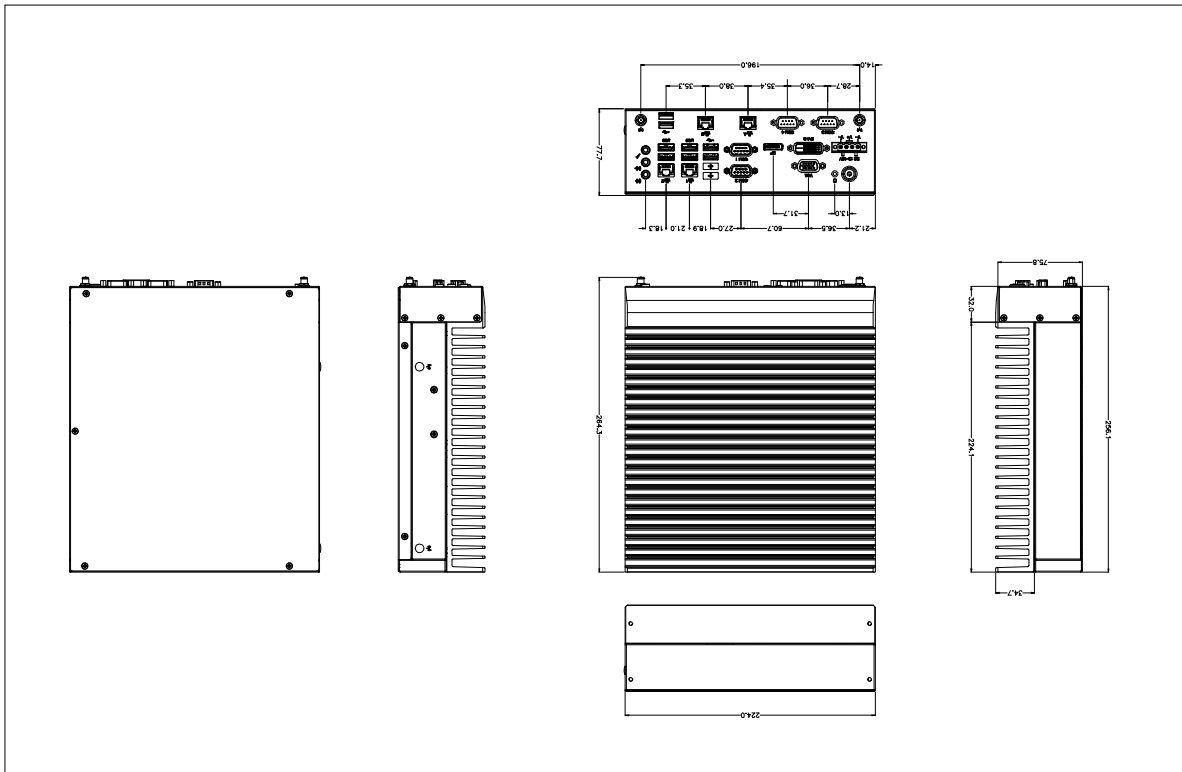
Dimension	224W x 257D x 77H(mm)
CPU	Support for 9/8th Generation Intel® Core™ i7/i5/i3, Pentium® and Celeron® processors in the LGA1151 package TDP under 65W
Chipset	Intel® H310 Express Chipset
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 32GB Support Dual channel DDR4 2644/2400 MHz memory modules
Ethernet	1 x GbE LAN port (Intel® i219V) 3 x GbE LAN ports (Intel® i211AT)
Graphic support	Integrated Graphics Processor - Intel® HD Graphics support: 1 x DP port, supporting a maximum resolution of 4096x2160 @30Hz 1 x DVI-D port, supporting a maximum resolution of 1920x1080 @60Hz 1 x VGA port, supporting a maximum resolution of 1920x1200 @60Hz (2 independent display outputs)
Audio	Realtek® Audio codec
Storage	3 x 2.5" HDD/SSD (SATA 6Gb/s)

Expansion Slots	1 x 2280 M.2 M-Key (SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module 1 x PCIe slot -- Discrete riser card support
Front I/O	1 x Power Switch/Power/HDD LED 3 x Audio jacks (Line in, Line out, Mic in) 1 x Display port 1 x DVI-D 1 x VGA 2 x COM (RS-232/422/485 and RI/5V/12V) 2 x COM (RS-232) 4 x RJ45 LAN ports 4 x USB 3.0 4 x USB 2.0 1 x 4 pin Terminal Block 2 x External Antenna (optional)
Riser card (optional)	—
Rear I/O	—
Power	+12V~48VDC (Full Range)
Operation temperature	Operating temperature: -20°C to 50°C (CPU 65W TDP) Operating temperature: -20°C to 60°C (CPU 35W TDP) Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing) Use wide temperature range memory and storage
Vibration During Operation	Operation: IEC 60068-2-64, 3 Grms, random, 5 ~ 500 Hz, 1 hr / Per Axis, With SSD/M.2 2280 Non-operation: IEC 60068-2-6, 2 G, Sine, 10 ~ 500 Hz, 1 Oct/min, 1 hr / Per Axis
Shock During Operation	Operation: IEC 60068-2-27, 50 G, half sine, 11 ms duration, With SSD

GIGAIPC reserves the right to modify or change technical data without prior notice.

Dimension

Unit: mm



Packing Content

- Box Packing Capacity: 1
- Carton size: 300 x 351 x 166(mm)
- Content:
 - SCREW M3x4L x 12 (P/N: 25984G-1C014-S00)
 - TERMINAL BLOCKS MALE PLUG x 1 (P/N: 25I00-2ESDV0-D2R)

Order Information

- System: 9BQJH310AMR-SI
- Built in :
 - CPU: Intel® Core™ i3-9100E Processor, 6M Cache, 3.70 GHz
 - Memory: 8GB DDR4 SO-DIMM

Optional Kit

- TPM 2.0 module P/N: 9CTM000NR-00

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