

Embedded PC System - QBiX-Lite Series

QBiX-Lite-TGLA1145G7E-A1

Industrial system with Intel® Core™ i5-1145G7E Processor / Fan Design / Dual Channel DDR4 up to 64GB / 2 x HDMI / 2 x DP



Features

- System Size : 234W x 155D x 30H (mm)
- Intel® Core™ i5-1145G7E Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x HDMI
- 2 x Display Ports
- 2 x GbE LAN Ports
- 2 x USB Type-C Ports

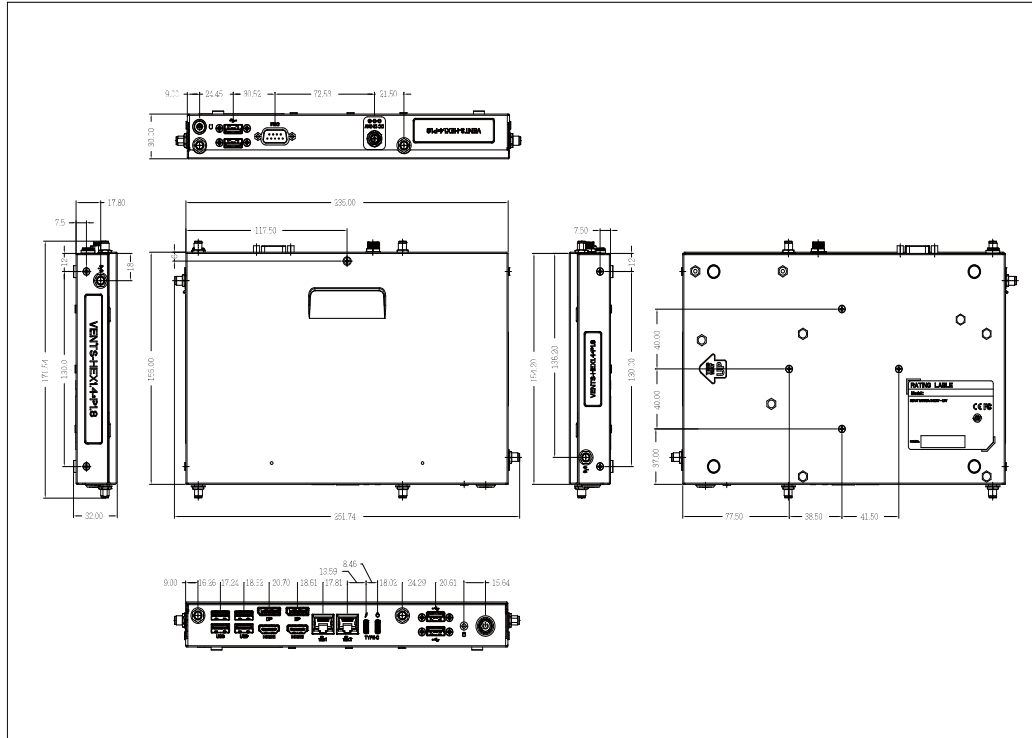
Front I/O	1 x USB type C (USB 3.2 Gen 2x1, DP Alt Mode & PD Out -30W)(-100W requests to use 250W adapter) 1 x USB type C (USB 3.2 Gen 2x1, PD input-100W) 4 x USB 3.2 Gen 2x1 2 x HDMI 2 x DP 2 x RJ45 LAN Ports 2 x USB 2.0 1 x HDD LED 1 x Power button with LED 2 x External Antenna Holes (Optional)
Rear I/O	1 x COM Port (RS-232) 2 x USB 2.0 1 x Headphone Jack 1 x Screw type DC Jack 2 x External Antenna Holes (Optional)
Side I/O	1 x External Antenna Hole (on each side)
Power	+12V~24VDC (Adapter 19.5V/135W)
Operation Temperature	Operating temperature: 0°C to 50°C 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, 1 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

Specifications

Dimension	234W x 155D x 30H(mm)
CPU	Intel® Core™ i5-1145G7E Processor 10nm SuperFin, 4 cores, 8 threads, up to 4.1 GHz
Chipset	SoC
Memory	2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB Support Dual channel DDR4 3200MHz memory modules
Ethernet	2 x GbE LAN Ports (Intel® I219LM and Intel® I211AT)
Graphic Support	Integrated Graphics Processor - Intel® Iris® Xe Graphics: 2 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz 2 x DP 1.4 ports, supporting a maximum resolution of 7680x4320 @30Hz 1 x DP 1.4 through USB type C (8k), supporting a maximum resolution of 7680x4320 @30Hz (4 independent display outputs)
Audio	Realtek® Audio codec
Storage	1 x 2.5" HDD/SSD (SATA 6Gb/s)
Expansion Slots	1 x 2280 M.2 M-Key (PCIe x2, SATA 6Gb/s) 1 x 2230 M.2 E-Key (WiFi/BT) 1 x 3052 M.2 B-Key with SIM slot (Support 5G)

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

Dimension
Unit: mm



Packing Content

- Carton size: 481 x 300 x 375 (mm)
- Packing Capacity: 5pcs
- Single Box size : 336 x 279 x 90 (mm)
- Including:
 - Bracket for Wall Mount x 2 : 25HB1-SD4000-R0R
 - Screws for Wall Mount x 4 : 25KS9-130600-S0R
 - PSU ADP 19.5V 135W 100-240VAC x 1 : 25EP4-201352-C1S
 - Power Cord : Optional (by region)
 - Thermal Pad for Memory x 1 : 25ST3-200086-T5R
 - SATA Cable x 1 : 25CRI-180002-S9R
 - Screws for 2.5" HDD x 8 : 25KS2-13004G-S0R

Mounting

- Wall mount (Default)
- VESA 75/100 (Optional)

Order Information

- System: 6BQL1145AMR-SI (Box packing)

2023/04/25

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Assured Systems

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