

Technical Specification

Model No.: GC Series



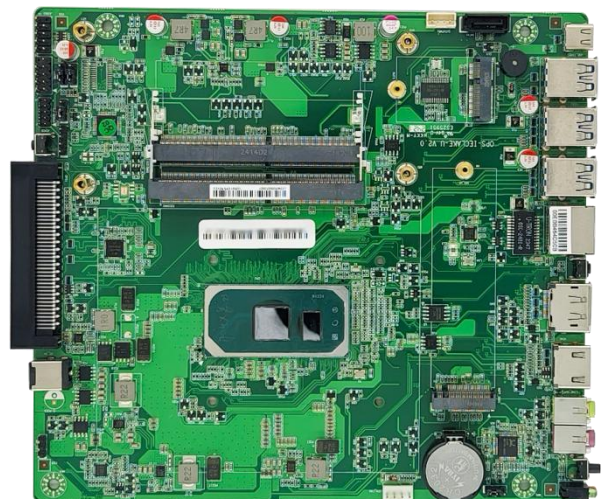
Size: 195*180*30/42mm

1. Introduction:

- CPU: On board 10th gen Ice Lake U series SOC;
Optional CPU: i3-1005G1, i5-1035G1/4/7, i7-1065G7
- Chipset: SOC integrated; Integrated graphics: Intel UHD Graphics
- With rich I/O ports and wireless expansion, it runs Windows10/11, supporting fast replacement and stable long-time operation.

2. Main Features

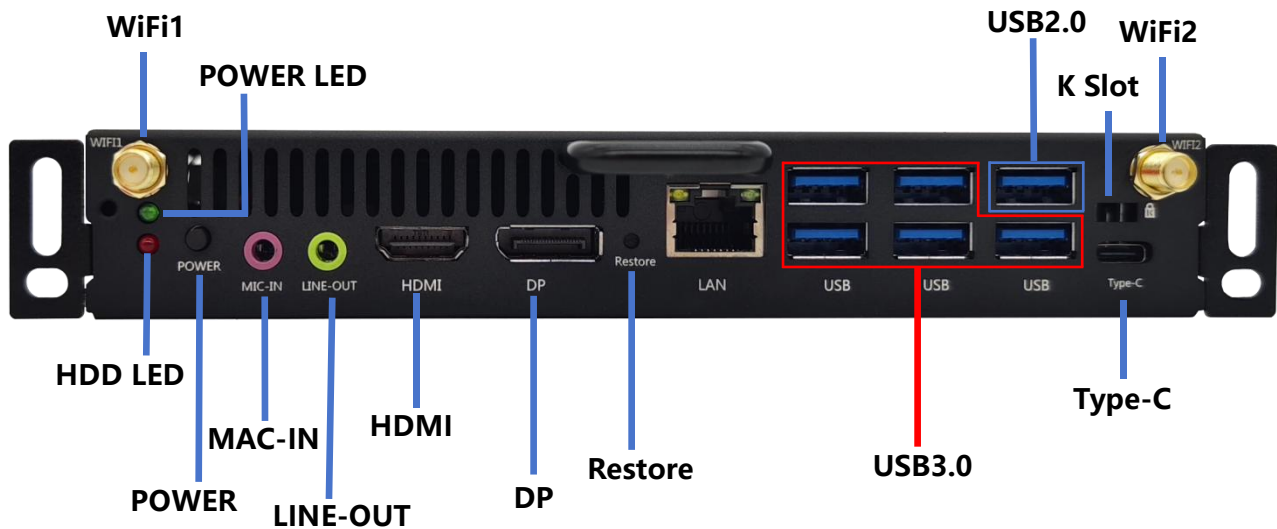
- Memory: Dual-channel DDR4 2666/3200MHz, 2×260-Pin SODIMM sockets, maximum up to 64GB.
- Storage: M.2-2280 slot supporting SATA / NVMe dual protocol SSD. Optional 2.5-inch SATA hard-disk bay.
- USB: 5×USB3.0 + 1×USB2.0 + 1×Type-C
- Video output: HDMI up to 4K@60Hz, DP up to 4K@60Hz
- Network: 1×RTL8111H Gigabit RJ45 LAN port
- Buttons: Power button, Reset one- key recovery button
- Antennas: 2×2.4G/5G dual- band antennas
- Wireless Expansion: M.2 2230 slot, WiFi5 / WiFi6 + Bluetooth module optional.



3. Specifications

Model	GC Series
CPU	Support Intel ® 10th gen. core mobile CPU, i3-1005G1, i5-1035G1/4/7,i7-1065G7
Chipset	SOC
RAM	Dual Channel DDR4 2666/3200MHz Maximum To 64GB
SSD/HDD	1×M.2 2280 SATA/NVMe Support Dual Protocols 1×SATA HDD 2.5 inch (Optional)
Graphics	Intel® UHD Graphics
USB	5×USB3.0 1×USB2.0
Audio	1×MIC In (Pink) 1×Line Out (Green)
Type-C	1×Type-c
HDMI	1×HDMI (Max. support resolution ratio 3840x2160@60Hz)
DP	1×DP (Max. Support resolution ratio 3840×2160@60Hz)
Lan	1×RJ45 (RTL8111 hgigabit LAN)
LED Light	1xHDD LED (System running normally: red light blinking) 1xPower LED (System running normally: green light blinking)
Antenna	2×2.4G/5G Dual antenna
Power Button	1xPower button
Resetore	1xResetore
WLAN	1×M.2 2230 2.4G/5G/6G+BT (Wifi5、Wifi6 optional)
80Pin OPS INTERFACE	1×HDMI (Max. support resolution ratio 3840x2160@60Hz) 1×USB3.0 2×USB2.0 Power Supply 12V~19V
Windows	Windows 10/11
POWER SUPPLY	TRNF DC IN, Input Voltage 12V~19V
Operation	Temperature: -10℃~50℃; Humidity: 10%~90%RH
Storage	Temperature: -20℃~60℃; Humidity: 0%~90%RH
Structure Dimension (L×W×T)	195mm×180mm×30mm 195mm×180mm×42mm

4. I/O Interfaces



5. Product Advantages

- Ultra-low resistance transistors for CPU power supply, stable for 24/7 continuous operation
- Optimized PCB layout & air channel, excellent heat dissipation to avoid thermal throttling
- Flexible sub-card options to satisfy various project requirements
- Supports watchdog, power-on boot, remote wake-up and hardware monitoring for centralized management
- Great compatibility with education, meeting and digital signage software

6. Disclaimer

- Due to product configuration and manufacturing process, the actual body size and weight may vary. Please refer to the real product.
- Pictures in this specification are for illustration only. The appearance, color, dimension and other details of the delivered product may differ slightly. Please refer to the real product.
- To ensure accurate descriptions, we reserve the right to revise text, images and other contents of this specification to match the actual product performance and specifications without prior notice.