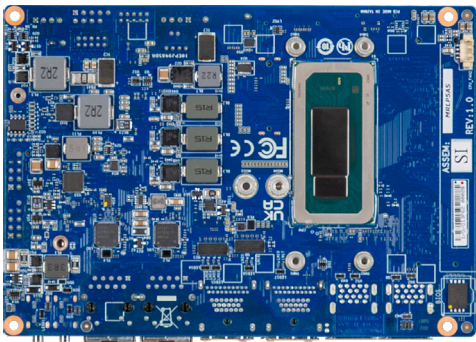
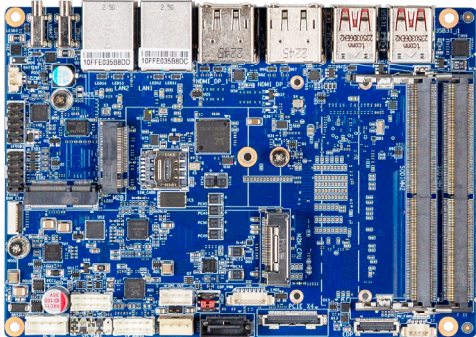


QBiP-1340A (MRLP5AS)

3.5" SubCompact Board with 13th Generation Intel® Core™ i5-1340P Processor, Dual Channel DDR5 memory, 1 x COM, 1 x SATA 6Gb/s, 4 x USB 3.2 Type A Gen 2x1, 2 x USB 3.2 Type C Gen 2x1, 4 x USB 2.0



Features

- 3.5" SBC
- Intel® Core™ i5-1340P Processor
- Dual Channel DDR5, 2 x SO-DIMMs
- 2 x 2.5GbE LAN Ports
- 1 x SATA 6Gb/s Port
- Ultra-Fast M.2 with PCIe Gen 4x4 interface
- 2 x HDMI, 2 x DP, eDP ports for multiple display
- 1 x COM Port (RS-232 & RI/5V/12V)
- 4 x USB 3.2 Type A Gen 2x1
- 2 x USB 3.2 Type C Gen 2x1
- EDID emulator support

Audio	Realtek® ALC269
Storage	1 x SATA 6Gb/s port
Raid	Intel® SATA RAID 0/1
Expansion Slots	1 x 2280 M.2 M-Key (PCIe Gen 4x4, SATA 6Gb/s) 1 x 2230 M.2 E-Key 1 x 3052/3042 M.2 B-Key with SIM Slot (Support 5G only USB interface) 1 x PCIe Gen 4x4 (Board to Wire connector)
Internal I/O	1 x 4-pin box power connector (DC in +12V~24VDC) 1 x SATA Power header 2 x CPU fan headers 1 x Front panel header 1 x Front panel audio header 1 x 2W Speaker out header 4 x USB 2.0 headers 1 x COM header (RS-232 & RI/5V/12V) 1 x eDP power header
Rear I/O	1 x USB type C (USB 3.2 Gen 2x1 + DP output-share with DP) & PD v3.0 Out -100W (Adapt 24V only), PD v3.0 Out 60W (Adapt 12V ~ 19V) 1 x USB type C (USB 3.2 Gen 2x1, PD v3.0 input-100W) 4 x USB 3.2 Gen 2x1 2 x HDMI 2 x DP 2 x RJ45 LAN Ports
TPM	Onboard TPM 2.0 security chip INFINEON SLB9672VU2.0
OS Compatibility	Windows® 10/11 (x64)
Operating Properties	Operating temperature: 0°C to 60°C Operating humidity: 0-90% (non-condensing) Non-operating temperature: -40°C to 85°C Non-operating humidity: 0%-95% (non-condensing)
Packing Content	Carton size: 465 x 351 x 217 (mm) Packing Capacity: 10pcs Single Box size: 221 x 178 x 65 (mm) Including: SATA power Cable x 1 (P/N: 25CRI-200B02-K1R)
Order Information	9MRLP5ASMR-SI (Box Packing)

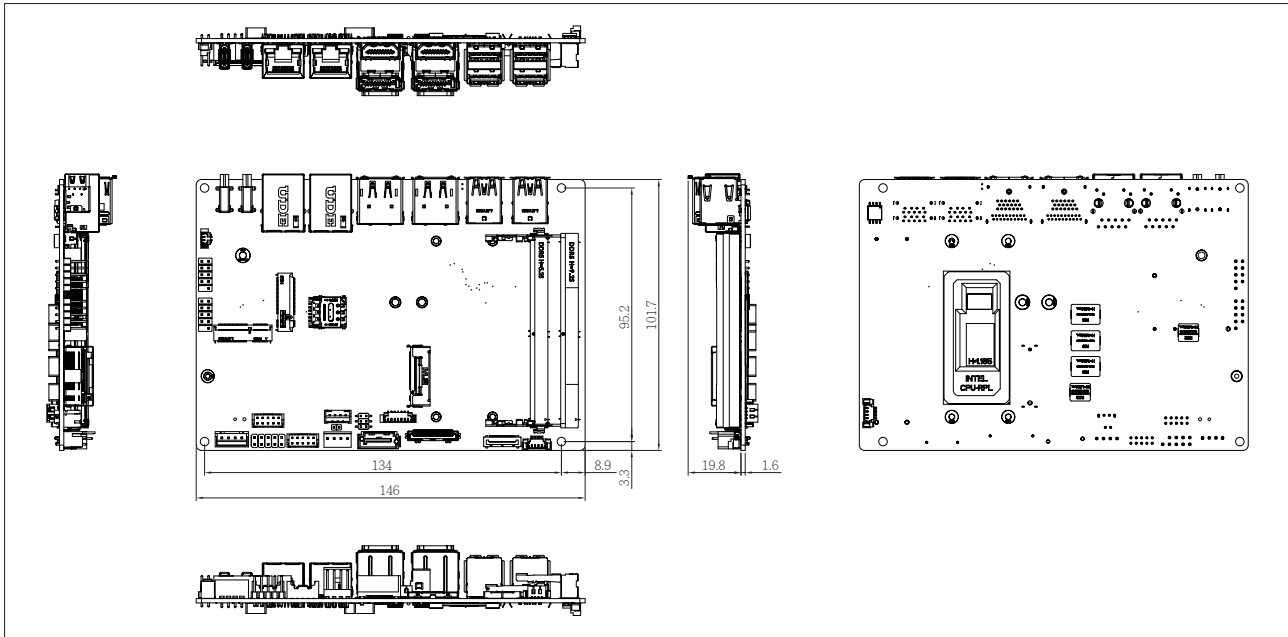
Specifications

Form Factor	3.5" SBC 146W x 101.7Dmm
CPU	Intel® Core™ i5-1340P Processor Intel 7, 12 cores, 16 threads, up to 4.60 GHz TDP 28W 12 MB Smart Cache
Socket	1 x FCBGA1744
Chipset	—
Memory	2 x DDR5 SO-DIMM sockets, Max. Capacity 64 GB Support Dual Channel DDR5 5200MHz memory modules
Ethernet	2 x 2.5GbE LAN Ports (Intel® I226V)
Video	Integrated Graphics Processor - Intel® Iris® Xe Graphics eligible: 2 x HDMI 2.1 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 1 x eDP port, supporting a maximum resolution of 4096x2160 @60Hz (4 independent display outputs)

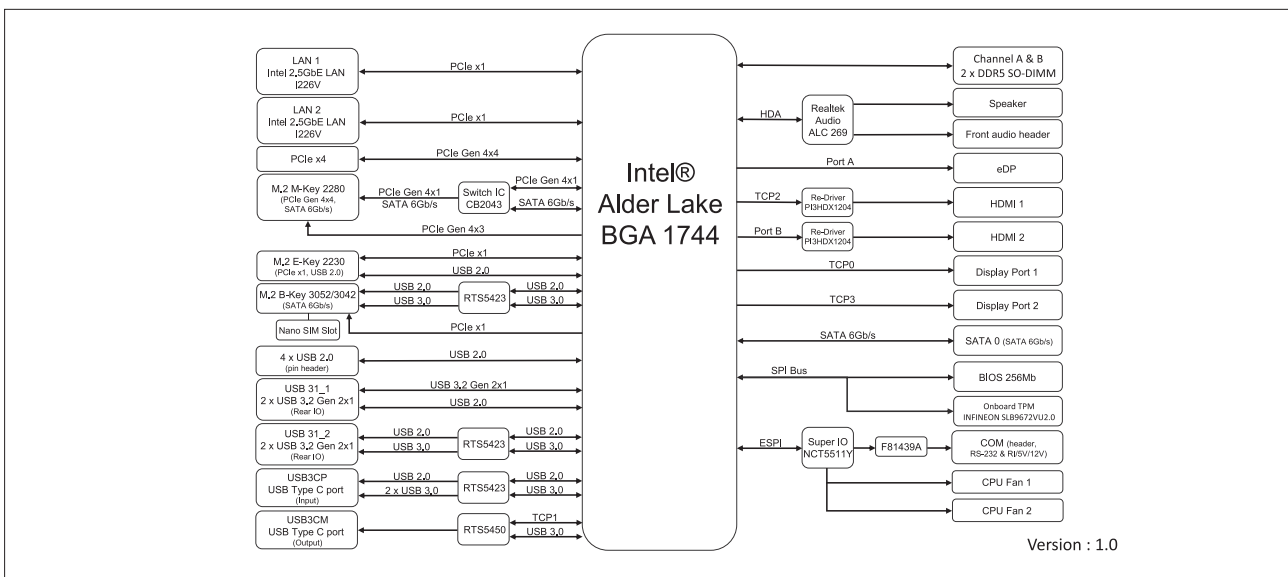
GIGAIPC reserves the right to modify or change technical data without prior notice.

Dimension (Unit: mm)

2024/07/26



Block Diagram



Optional Kit

Part No.	Description	Quantity
25ST1-1Z31Z3-A8R	Fanless Heatsink	1
25ST4-3431Z0-A7R	Fansink	1

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