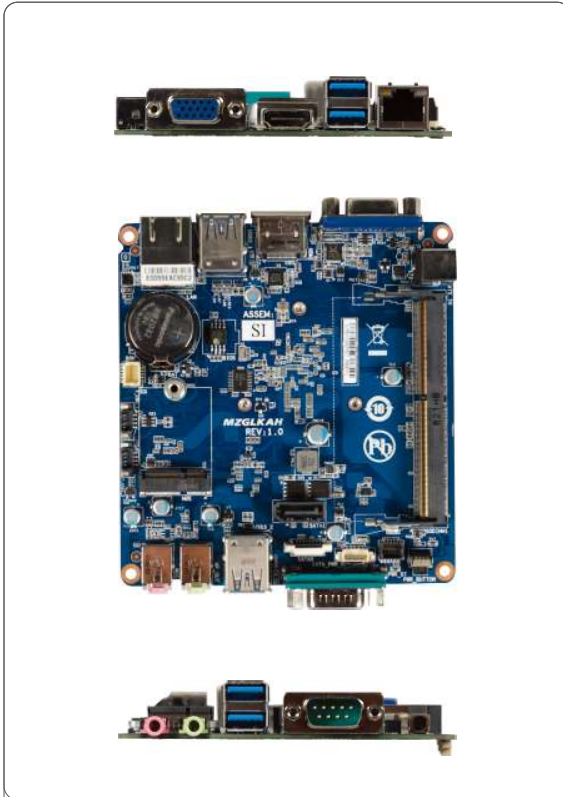


# QBi-5005B (MZGLKCH)

Embedded Compact Board with Intel® Pentium® Silver J5005 Processor, DDR4 memory, 1 x COM, 2 x SATA 6Gb/s, 6 x USB



## Features

- Embedded IPC Motherboard
- Intel® Pentium® Silver J5005 Processor
- Single Channel DDR4, 1 x SO-DIMM
- 1 x GbE LAN port
- 2 x SATA 6Gb/s ports
- HDMI, D-sub port, eDP ports for multiple display
- 1 x RS232 COM port

Expansion Slots	1 x 2230 M.2 E-Key
Internal I/O	1 x 2-pin Box header power connector (optional) 1 x SATA Power header 1 x CPU fan header 1 x Front panel header 2 x USB 2.0 headers
Front IO	2 x USB 3.0 1 x Power button 1 x COM Port (RS232) 1 x Headphone Jack 1 x Microphone Jack
Rear IO	1 x HDMI 1 x VGA 1 x RJ45 LAN port 2 x USB 3.0
Side IO	1 x DC_IN Jack (+12~19VDC)
TPM	—
OS Compatibility	Windows 10 (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)

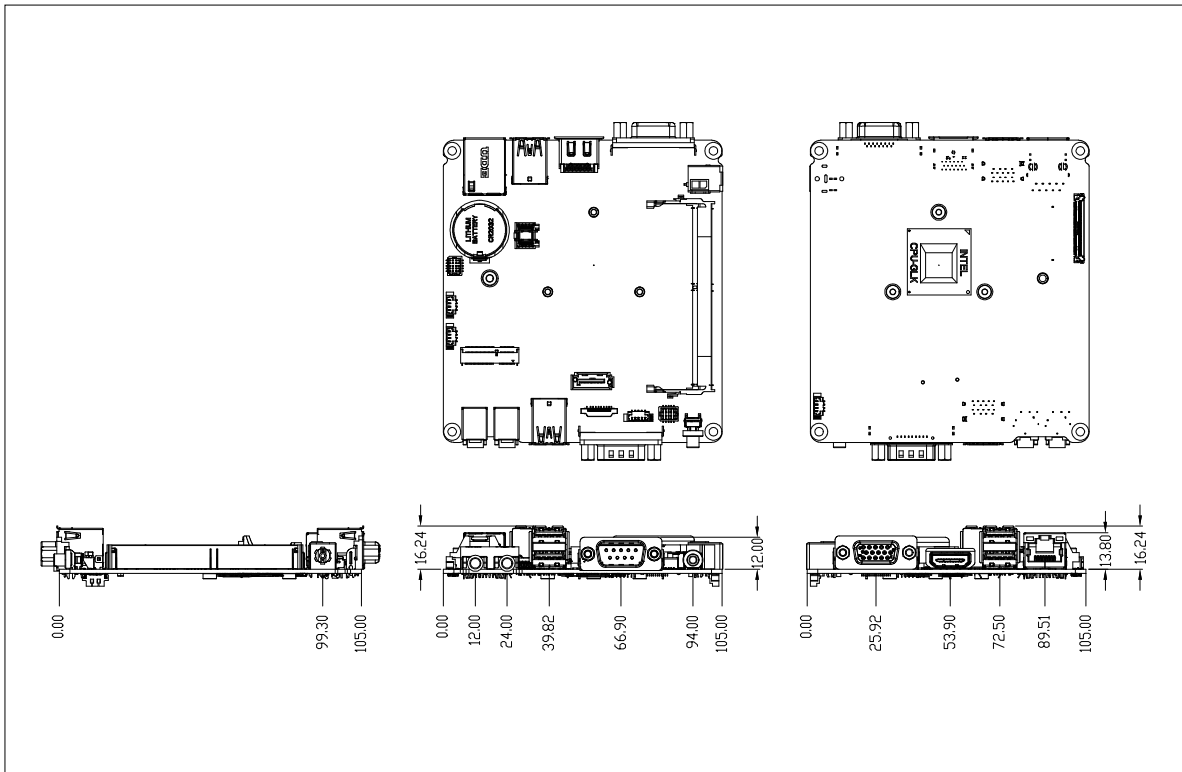
## Specifications

Form Factor	Embedded Compact Board 105W x 110D (mm)
CPU	Intel® Pentium® Silver J5005 Processor 4 cores, 4 threads, up to 2.80 GHz TDP 10W
Socket	1 x FCBGA1090
Chipset	—
Memory	1 x DDR4 SO-DIMM socket, Max. Capacity 8 GB Support for DDR4 2400 MHz memory modules
Ethernet	1 x GbE LAN port (Realtek® RTL8111HS)
Video	Integrated Graphics Processor- Intel® UHD Graphics 605 1 x HDMI1.4 port, supporting a maximum resolution of 4096x2160 @30Hz 1 x D-SUB port: max. resolution 2560 x 1600 @60Hz (with compatible displays) 1 x eDP port, supporting a maximum resolution of 1920x1080 @60Hz  (3 independent display outputs)
Audio	Realtek® Audio Codec
Storage	1 x SATA 6Gb/s port (7-pin) 1 x SATA 6Gb/s port (FFC)
Raid	—

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

## Dimension

Unit: mm



## Packing Content

- Box Packing Capacity: 10pcs
- Carton size: 465 x 351 x 217(mm)
- Content:
  - CABLE FFC SATA 100mm x 1 (P/N: 25CFE-100001-J3R)
  - CABLE SATA POWER 150mm x 1 (P/N: 25CRI-150621-K1R)

## Order Information

- Motherboard : 9MZGLKCHMR-SI

## Optional Kit

- Fanless Heatsink P/N: 12SP2-090019-00R
- Heat spreader P/N: 25ST5-CGAA00-A8R
- TPM 2.0 module P/N: 9CTM000NR-00
- TPM Cable P/N: 25CRZ-100600-S9R

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