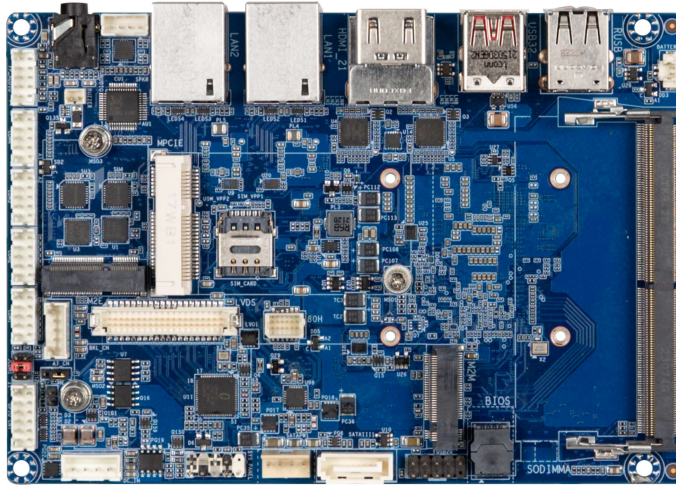


# GIGAIPC



## QBiP-N97A

3.5" SubCompact Embedded Motherboard with Intel® Processor N97, Single Channel DDR5 memory, 4 x COM, 1 x SATA 6Gb/s, 2 x USB 3.2 Gen 2x1, 4 x USB 2.0

### Key Features

- 3.5" SBC
- Intel® Processor N97
- Single Channel DDR5, 1 x SO-DIMM
- 2 x 2.5GbE LAN Ports
- 1 x SATA 6Gb/s Port
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 1 x COM Port (RS-232/422/485)
- 2 x COM Ports (RS-232)

### Application

## SPECIFICATION

### Specification

<b>Form Factor</b>	3.5" SBC 146W x 101.7D(mm)
<b>CPU</b>	Intel Processor N97 Intel 7, 4 cores, up to 3.60 GHz TDP 12W
<b>Socket</b>	1 x FCBGA1264
<b>Memory</b>	1 x DDR5 SO-DIMM socket, Max. Capacity 16 GB Support Single Channel DDR5 4800 MHz memory modules
<b>Ethernet</b>	2 x GbE LAN Ports (Intel® I225V)
<b>Video</b>	Integrated Graphics Processor - Intel® UHD Graphics support: 2 x HDMI 2.0 port, supporting a maximum resolution of 4096x2160 @60Hz 1 x LVDS port, supporting a maximum resolution of 1920x1200 @60Hz  (3 independent display outputs)
<b>Audio</b>	Realtek® ALC897
<b>Storage</b>	1 x SATA 6Gb/s Port
<b>Expansion Slots</b>	1 x 2280 M.2 M-Key (PCIe x2) 1 x 2230 M.2 E-Key 1 x Full-size mini PCIe with SIM slot
<b>Internal I/O</b>	1 x 4-pin box power connector (DC in +12V~36VDC) 1 x SATA Power header 1 x CPU fan header 1 x Front panel header 1 x Front panel audio header 1 x 2W Speaker out header 2 x USB 2.0 headers 1 x COM header (RS-232/422/485 & RI/5V/12V) 1 x COM header (RS-232/422/485) 2 x COM headers (RS-232) 1 x Backlight Control header 1 x AT/ATX mode select jumper 1 x GPIO (8-bits) & SMBus header 1 x Buzzer header

<b>Rear I/O</b>	<p>1 x Headphone Jack  2 x HDMI  2 x RJ45 LAN Ports  2 x USB 3.2 Gen 2x1  2 x USB 2.0</p>
<b>TPM</b>	<p>Onboard TPM 2.0 security chip  INFINEON SLB9670VQ2.0</p>
<b>OS Compatibility</b>	<p>Windows 10/11 (x64)</p>
<b>Operating Properties</b>	<p>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)</p>
<b>Packing Content</b>	<p>Carton size: 465 x 351 x 217 (mm)  Packing Capacity: 10pcs</p> <p>Single Box size: 221 x 178 x 65 (mm)</p> <p>Including:  SATA power Cable x 1 (P/N: 25CRI-200B02-K1R)</p>
<b>Order Information</b>	<p>9MADN9ASMR-SI (Box Packing)</p>