



QBi Pro (3.5" SBC)

QBIP-1360A

Preliminary

Key Features

- 3.5" SBC
- Intel® Core™ i7-1360P Processor
- Dual Channel DDR5, 2 x SO-DIMMs

- 1 x COM Port (RS-232 & RI/5V/12V)
- 4 x USB 3.2 Type A Gen 2x1

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Specification

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Related Products

1 x 100 x 102 mm (4")

CPU

Intel® Core™ i7-1360P Processor
 Intel 7, 12 cores, 16 threads, up to 5.0 GHz
 TDP 28W
 18 MB Smart Cache

Socket

1 x FCBGA1744

Memory

2 x DDR5 SO-DIMM sockets, Max. Capacity 128 GB
 Support Dual Channel DDR5 4800 MHz 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 4096x2304 @60Hz

 (4 independent display outputs)

Audio | Realtek® Audio Codec

Storage | 1 x SATA 6Gb/s Port (SATA RAID 0/1)

Expansion Slots | 1 x 2280 M.2 M-Key (PCIe x4, 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 x4 (Board to Wire connector)

Internal I/O | 1 x 4-pin box power connector (DC in +12V~24VDC)
1 x SATA Power header
1 x CPU fan header
1 x System fan header
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 Backlight Control header
1 x GPIO (8 bits) & SMBus 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 3.0 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)
Single Box weight: Approx. 0.4kg

Including:
SATA power Cable x 1 (P/N: 25CRI-200B02-K1R)

Order Information

9MRLP7ASMR-SI (Box Packing)

Optional Kit

Fanless Heatsink P/N: 25ST1-1Z31Z3-A8R

Fansink P/N: 25ST4-3431Z0-A7R

Heat spreader P/N: 25ST5-MADU00-Y0R