

**COMING
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QBi Pro (3.5" SBC)

QBiP-1365EB

Preliminary

Key Features

3.5" SubCompact Board with 13th Generation Intel® Core™ i7-1365UE Processor, Dual Channel DDR4 memory, 4 x COM, 1 x SATA 6Gb/s, 4 x USB 3.2 Gen 2x1, 4 x USB 2.0

- 3.5" SBC
- Intel® Core™ i7-1365UE Processor
- Dual Channel DDR4, 2 x SO-DIMMs
- 2 x 2.5GbE LAN Ports
- 1 x SATA 6Gb/s Port

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Specification

Form Factor | 3.5" SBC
146W x 101.7D(mm)

CPU | Intel® Core™ i7-1365UE Processor
Intel® 7, 10 cores, 2P+8E, 12 threads, up to 4.9 GHz
TDP 15W
12 MB Smart Cache

Socket | 1 x FCBGA1744

Memory | 2 x DDR4 SO-DIMM sockets, Max. Capacity 64 GB
Support Dual Channel DDR4 3200 MHz memory modules

Ethernet | 2 x 2.5GbE LAN Ports (Intel® I226V & I226LM)

Video

Integrated Graphics Processor - Intel® Iris® Xe Graphics eligible:
2 x HDMI 2.0 ports, supporting a maximum resolution of 4096x2160 @60Hz
1 x LVDS port, supporting a maximum resolution of 1920x1200 @60Hz

(3 independent display outputs)

Audio

Realtek® ALC269

Storage

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

Expansion Slots

1 x 2280 M.2 M-Key (PCIe Gen4x4, SATA 6Gb/s)
1 x 2230 M.2 E-Key
1 x Full-size Mini PCIe with SIM slot

Internal I/O

1 x 4-pin box power connector (DC in +9V~36VDC)
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
3 x COM headers (RS-232/422/485)
1 x Backlight Control header
1 x AT/ATX mode select jumper
1 x GPIO (8-bits) & SMBus header

Rear I/O

1 x COM Port (RS-232/422/485 & RI/5V/12V)
2 x HDMI
2 x RJ45 LAN Ports

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Specification

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. 0.5kg

Including:

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

Order Information

9MRLU7CSMR-SI (Box Packing)