



## QBi-4000B

Embedded Compact Board with Intel® Celeron® N4000 Processor, DDR4 memory, 1 x COM, 2 x SATA 6Gb/s, 6 x USB

### Key Features

- Embedded IPC MB
- Intel® Celeron® N4000 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
- Realtek ALC891 audio codec
- 1 x RS232 COM port

### Application

## SPECIFICATION

Embedded Compact Board with Intel® Celeron® N4000 Processor, DDR4 memory, 1 x COM , 2 x SATA 6Gb/s, 6 x USB

<b>FORM FACTOR</b>	Embedded Compact Board 105W x 110D(mm)
<b>CPU</b>	Intel® Celeron® N4000 Processor 2 Cores, 2 threads, up to 2.60 GHz TDP 6W 4M Cache
<b>SOCKET</b>	1 x FCBGA1090
<b>MEMORY</b>	1 x DDR4 SO-DIMM socket, Max. Capacity 8GB Single channel memory architecture Support for DDR4 2400 MHz memory modules
<b>ETHERNET</b>	1 x GbE LAN port (Realtek® RTL8111HS)
<b>VIDEO</b>	Integrated Graphics Processor - Intel® UHD Graphics 600 1 x HDMI1.4 port, supporting a maximum resolution of 4096x2160@30Hz 1 x D-SUB port: max. resolution 2560x1600 at 60Hz (with compatible displays) 1 x eDP port, supporting a maximum resolution of 1920x1080@60Hz
<b>AUDIO</b>	Realtek ALC891 High Definition Audio
<b>STORAGE</b>	2 x SATA 6Gb/s ports
<b>EXPANSION SLOTS</b>	1 x M.2 slot: - E-key - Supports NGFF-2230 (WiFi/BT)
<b>INTERNAL I/O</b>	1 x SATA 6Gb/s connector 1 x SATA 6Gb/s connector (FFC connector) 1 x CPU fan header 2 x USB 2.0/1.1 headers 1 x LPC header 1 x Front panel header 1 x SATA Power header
<b>FRONT IO</b>	2 x USB3.0 1 x Power button 1 x COM Port (RS232) 1 x Headphone Jack 1 x Microphone Jack

<b>REAR IO</b>	1 x HDMI 1 x D-sub 1 x RJ45 2 x USB3.0
<b>SIDE IO</b>	1 x DC_IN Jack
<b>OS COMPATIBILITY</b>	Windows 10 (x64)
<b>PSU CONNECTORS</b>	DC Jack 12~19V Full Range 1 x 2-pin Box header power connector (Co-lay with DC Jack)-option
<b>OPERATING PROPERTIES</b>	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)
<b>PACKING CONTENT</b>	Box Packing Capacity: 10pcs Carton size: 460 x 345 x 203(mm) Content: CABLE FFC SATA 100mm x 1 (25CFE-100001-J3R) CABLE SATA POWER 150mm x 1 (25CRI-150621-K1R)
<b>ORDER INFORMATION</b>	9MZGLKBHMR-SI
<b>OPTIONAL KIT</b>	Fanless HS P/N: 12SP2-090019-00R Heat spreader P/N: 25ST5-CGAA00-A8R