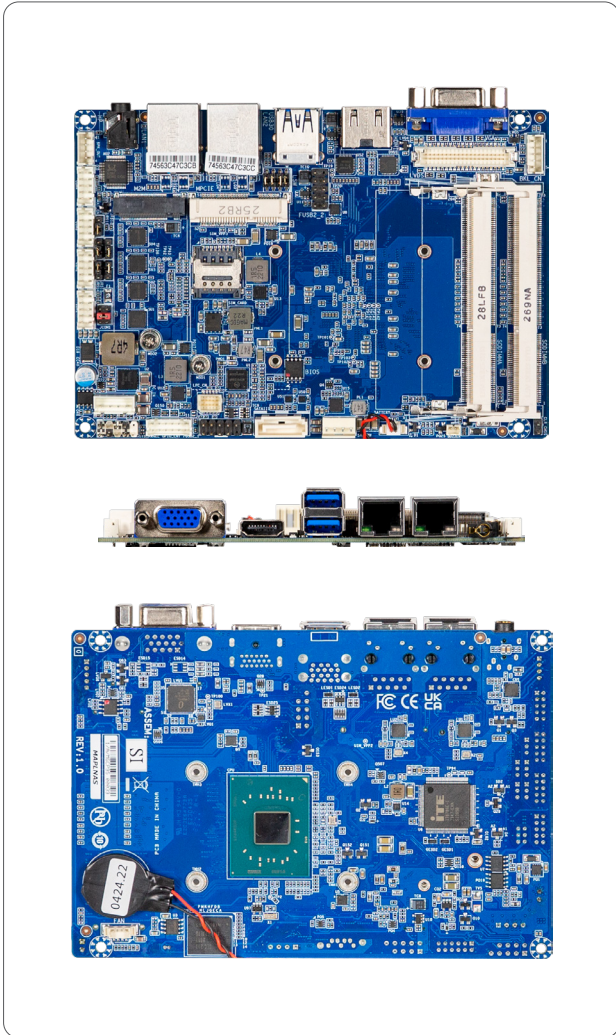


QBIP-4200D (MAPLNAS)

3.5" SubCompact Embedded Motherboard with Intel® N4200 Processor, Dual Channel DDR3L memory, 4 x COM , 1 x SATA 6Gb/s, 6 x USB, eMMC



Features

- 3.5" SBC
- Intel® Pentium® N4200 Processor
- Dual Channel DDR3L, 2 x SO-DIMMs
- 2 x GbE LAN Ports
- 1 x SATA 6Gb/s Port
- M.2 with SATA 6Gb/s
- HDMI, D-sub, LVDS ports for multiple display
- eMMC 32GB
- 1 x COM Port (RS-232/422/485 & RI/5V/12V)
- 3 x COM Ports (RS-232)

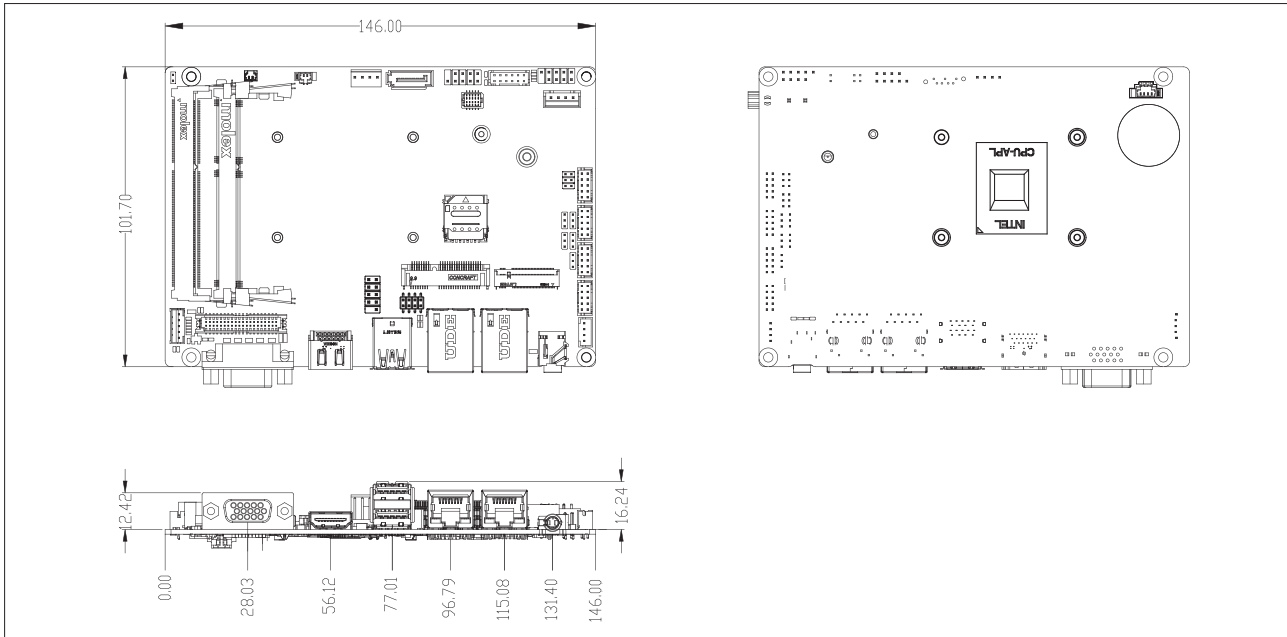
Specifications

Form Factor	3.5" SBC 146W x 101.7Dmm
CPU	Intel® Pentium® N4200 Processor 14nm, 4 cores, 4 threads, up to 2.50 GHz TDP 6W
Socket	1 x FCBGA1296
Memory	2 x DDR3L SO-DIMM sockets, Max. Capacity 8 GB Support Dual channel DDR3L 1866 MHz memory module
Ethernet	2 x GbE LAN Ports (Realtek® RTL8111H)
Video	Integrated Graphics Processor -Intel® HD Graphics 505 : 1 x HDMI 1.4 port, supporting a maximum resolution of 3840x2160 @30Hz 1 x VGA port, supporting a maximum resolution of 1920x1080 @60Hz (with compatible displays) 1 x LVDS port, supporting a maximum resolution of 1920x1200 @60Hz (3 independent display outputs)
Audio	Realtek® ALC897

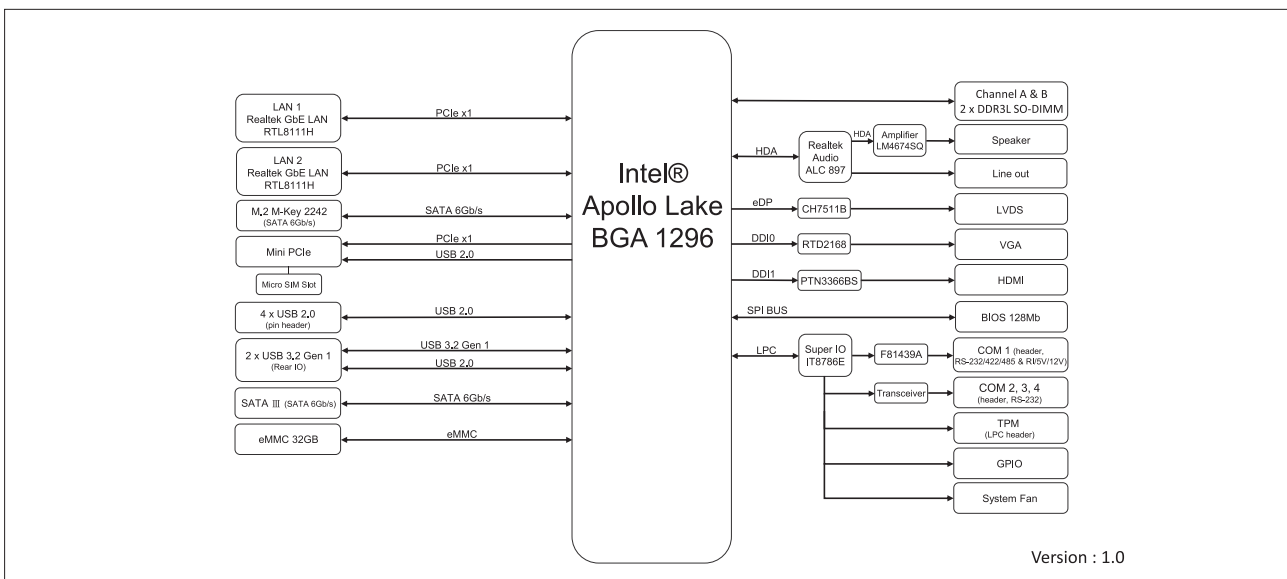
Storage	1 x SATA 6Gb/s Port 1 x eMMC 32GB
Expansion Slots	1 x 2242 M.2 M-Key (SATA 6Gb/s) 1 x Full-size Mini PCIe with SIM slot (PCIe x1 + USB2.0) -- support 3G/4G module
Internal I/O	1 x 4-pin box power connector (+9V~36VDC) 1 x SATA Power header 1 x System fan header 1 x Front panel header 1 x 2W Speaker out header 4 x USB 2.0 headers 3 x COM headers (RS-232) 1 x COM header (RS-232/422/485 & RI/5V/12V) 1 x Backlight control header 1 x AT/ATX mode select jumper 1 x GPIO (8-bits) & SMBus header 1 x Buzzer header
Rear I/O	1 x Headphone jack 1 x HDMI 1 x VGA 2 x RJ45 LAN Ports 2 x USB 3.2 Gen 1
TPM	1 x TPM header
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)
Packing Content	Carton size: 465 x 351 x 217 (mm) Packing Capacity: 10pcs Single Box size: 221 x 178 x 65 (mm) Including: SATA power Cable x 1 (P/N: 25CRI-200B02-K1R)
Order Information	9MAPLNASMR-SI (Box Packing)

- ※ Conditional DC-input 9V support with :
(1) SATA_PWR support 5V only
(2) LVDS backlight cannot support
(3) Total power consumption under 50W

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



Block Diagram



Optional Kit

Part No.	Description	Quantity
25ST1-153109-A7R	Fanless Heatsink	1
25ST5-CBAB00-A8R	Heat spreader	1
9CTM000NR-00	TPM 2.0 module	1
25CRZ-100600-S9R	TPM Cable	1

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