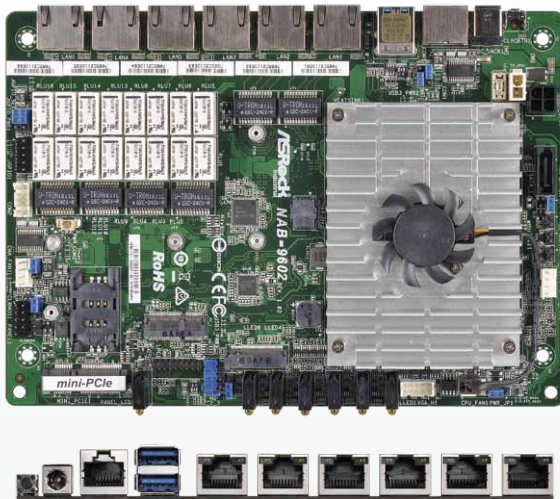


Preliminary

NAB-9602



Spotlight Features

- Intel® Apollo Lake SoC Processor
- Supports Single Channel DDR3L up to 1867MHz, 1 x SO-DIMM, up to 8GB system memory
- 1 x VGA
- 2 x USB 3.0
- 1 x M.2 (Key E) , 1 x M.2 (Key M)
- Gigabit LAN : 6 x Intel LAN
- Supports Bypass Function
- 1 x MiniPCle with SIM socket for WiFi/3G/LTE
- 1 x TPM
- 12V DC-in Jack / 4-pin ATX PWR Con.

Specifications

Processor System

Dimension	200x140mm (7.9-in x 5.5-in)
CPU	Intel® Apollo Lake SoC Processor
Core Number	(By CPU, Max 4)
Max Speed	(By CPU)
L2 Cache	(By CPU)
Chipset	(By CPU)
BIOS	UEFI

Expansion Slot

PCIe	N/A
Mini PCIe	1 (full/half size, supports PCIe x1 and USB device)
mSATA	N/A
M.2	1 x M.2 Slot (Key E), supports type 2230 for WiFi + BT Module 1 x M.2 Slot (Key M), supports type 2242/2280 M.2 for SATA only

Memory

Technology	Single Channel DDR3L up to 1600 MHz
Max	8GB
Socket	1 x SO-DIMM

Graphics

Controller	Intel® HD Graphics
VRAM	Shared Memory
VGA	1
LVDS	No
HDMI	No
DVI	No
DisplayPort	No
Multi Display	No

Ethernet

Interface	10/100/1000 Mbps
Controller	6 x Intel i211
Connector	6 x RJ45

SATA

Max Data Transfer Rate	SATA3 (6.0Gb/S)
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Rear I/O

VGA	0
DVI	0
HDMI	0
DisplayPort	0
Ethernet	6 x RJ45
USB	2 x USB 3.0
Audio	0
Serial	1 x RJ45 (No LED) COM port
PS/2	0

Internal Connector

USB	2 x USB 2.0
LVDS/inverter	0
VGA	1
Serial	1
SATA	1
mPCIe	1
Parallel	0
mSATA	0
IrDA	0
GPIO	4 x GPI + 4 x GPO
SATA PWR Output Con	1
Speaker Header	0

Watchdog Timer

Output	From Super I/O to drag RESETCON#
Interval	256 segments, 0,1,2...255sec/min

Power Requirements

Input PWR	12V DC-in Jack / 4-pin ATX PWR Con.
Power On	AT/ATX Supported AT : Directly PWR on as power input ready ATX : Press button to PWR on after power input ready

Environment

Temperature	0°C-60°C
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