Expansion Slot

M.2/ WLAN	1 x Wi-Fi 6E 802.11ax + BT 5.2
	(M.2 Key E, 2230 PCIe Gen3 x1, USB 2.0 for Wireless)
	* WiFi throughput speed depends on actual environment
	and equipment

Audio

Interface	Realtek ALC256, High Definition Audio.

Ethernet

Controller/ Speed	Realtek RTL8125BG with 10/100/1000/2500 Mbps
Connector	2 x RJ-45

Storage

M.2	1 x M.2(KEY M, 2242/2260/2280) with PCIe Gen3 x1 and SATA3 for SSD
	*M.2 Key M 2280(Supported by bracket)
SATA	1 x SATA3.0 (6.0 Gb/s)

Front I/O

USB	1 x USB 3.2 Gen2 (Type A)
	2 x USB 3.2 Gen2 (Type-C, 5V/3A, Supports DP1.4a display output)
Audio	1 (headphone & microphone jack)

Rear I/O

HDMI	2 x HDMI 2.0b
Ethernet	2 x 2.5 Gigabit LAN
USB	2 x USB 3.2 Gen2 (Type-A)
DC Jack	1

Watchdog Timer

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

Power Requirements

Input PWR	9V~19V DC-In Jack
Power On	AT/ATX Supported
	- AT : Directly PWR on as power input ready
	- ATX : Press button to PWR on after power input ready

Environment

Operating Temp	0ºC ~ 40ºC
Storage Temp	-40° C – 85° C
Operating Humidity	5% ~ 90%
Storage Humidity	5% ~ 90%

Mechanical

Construction	Plastic with sheet metal
Mounting	VESA mounting
Dimensions (W x D x H)	110.0 x 117.5 x 47.85mm
Weight	Net Weight:1.0Kg

Others

OS Support	Windows 10/11
TPM	TPM 2.0 onboard IC
Certifications	CE, FCC
Packing List	1 x 19V/65W Power Adapter
	1 x Screw Package
	1 x VESA mounting bracket

KEY FEATURES

* Intel® Alder Lake-N SoC Processors N97
* 1 x 260-pin SO-DIMM up to 16GB DDR4 3200 MHz
* 5 x USB 3.2 Gen2, 1 x M.2 Key M, 1 x M.2 Key E (WiFi Module), 1 x SATA3
* 2 x Realtek 2.5 Gigabit LAN
* Supports Triple display, 2 x HDMI 2.0b, 2 x DP 1.4a (from Type C)
* TPM 2.0 onboard IC
* 19V/65W Power Adapter
* 110.0 x 117.5 x 47.85mm, Fanned Barebone

SPECIFICATIONS

Processor System

CPU	Intel® Alder Lake-N SoC Processors N97
Chipset	MCP
BIOS	AMI SPI 256 Mbit

Memory

Technology	Single Channel DDR4 3200 MHz
Capacity	16GB
Socket	1 x 260-pin SO-DIMM

Graphics

Controller	Intel® UHD Graphics
HDMI	HDMI 2.0b
	Max resolution up to 4096x2160@60Hz
DisplayPort	DisplayPort 1.4a, DP++
	Max resolution up to 4096x2160@60Hz
MultiDisplay	Triple-Display (Included 2 outputs from Type-C)