

Embedded Box PC NBP-02S/05S

Embedded Box PC
NBP SERIES

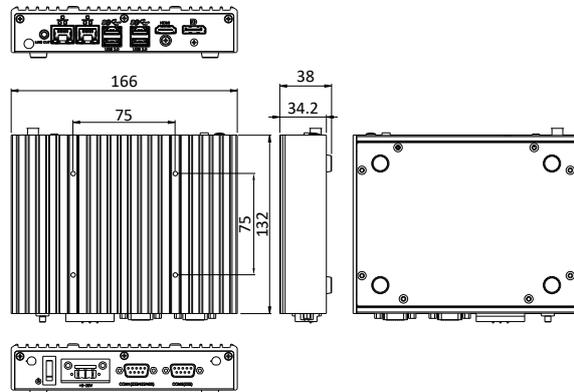
NBP-02S



Features

Intel® N-series N97 Processor Embedded Box PC

- Intel® Alder Lake-N Processor N97 2.0GHz (up to 3.6GHz)
- 2 x 2.5GbE ports
- 1 x HDMI 2.0, 1 x DP
- 2 x COM port (1 x RS-232/422/485 & RI/5V/12V, 1 x RS-232)
- 4 x USB (2 x 3.2 Gen1, 2 x 3.2 Gen2)
- DC 9~36V, Fan-less, modular detachable design
- VESA Mount / Desk Mount / DIN Rail

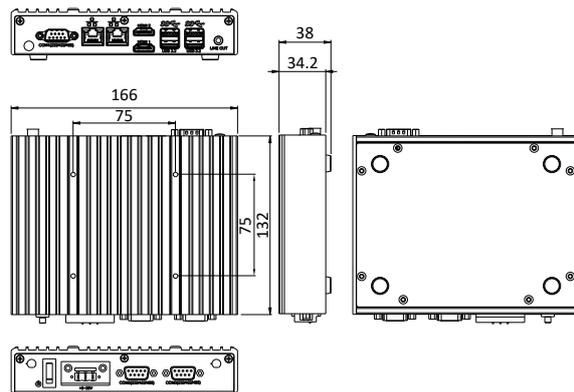


NBP-05S



Intel® Core™ i5-1335U Processor Embedded Box PC

- Intel® Alder Lake-N Processor N97 2.0GHz (up to 3.6 GHz)
- 2 x 2.5GbE ports
- 3 x COM port
(1 x RS-232/422/485 & RI/5V/12V, 2 x RS-232/422/485)
- 2 x HDMI2.0
- 4 x USB 3.2 Gen2 x 1
- DC 9~36V, Fan-less, modular detachable design
- VESA Mount / Desk Mount / DIN Rail



Embedded Box PC

NBP-02S/05S

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Specifications

Model No.		NBP-02S	NBP-05S
System	CPU	Intel® Alder Lake-N Processor N97 2.0GHz, quad-core, 4 threads, (up to 3.6GHz)	Intel® Core™ i5-1335U Processor, 1.3GHz, 10 cores, 12 threads, (up to 4.60 GHz)
	System Chipset	SoC	SoC
	System Memory	1 x SO-DIMM, DDR5 4800MHz, up to 16GB	2 x SO-DIMM, DDR4 3200MHz, up to 64GB
Storage	SSD	1 x 2280 M.2 B key (SATA/PCIe x1)	1 x 2280 M.2 M-Key (PCIe Gen4x4, SATA 6Gb/s)
Expansion	Expansion Slot	1 x M.2 E key (PCIe x1, USB 2.0), 2230	1 x Full-size Mini PCIe with SIM slot 1 x 2230 M.2 E-Key
I/O Interface	Audio	1 x Line Out	1 x Line Out
	HDMI 2.0	1	2
	Display Port	1	-
	LAN (RJ45)	2 x 2.5GbE	2 x 2.5GbE
	Power	1 x 3 pins terminal block power connector 1 x power switch on/off	1 x 3 pins terminal block power connector 1 x power switch on/off
	Serial	1 x DB9 (RS-232/422/485 & RI/5V/12V) 1 x DB9 (RS-232)	1 x DB9 (RS-232/422/485 & RI/5V/12V) 2 x DB9 (RS-232/422/485)
	USB	2 x USB 3.2 Gen 1, 2 x USB 3.2 Gen 2	4 x USB 3.2 Gen 2 x 1
Power	Power Input	DC 9~36V	DC 9~36V
	Power Consumption	90W	90W
Environment	Operating Temp.	0~50° C (32~122° F)	0~50° C (32~122° F)
	Operating Humidity	10 to 90% (non-condensing)	10 to 90% (non-condensing)
	Storage Temp.	-20~60° C (-4~140° F)	-20~60° C (-4~140° F)
	Operating System	Windows 10 IoT, Debian 11	Windows 10 IoT, Debian 11
	Certification	CE / FCC CLASS A	CE / FCC CLASS A
Mechanical	Construction	Metal Housing	Metal Housing
	Mounting	VESA 75x75mm/ Desk Mount/ DIN Rail	VESA 75x75mm/ Desk Mount/ DIN Rail
	Dimension(mm)	166(W) x 132(H) x 38(D)	166(W) x 132(H) x 38(D)
	Net Weight(Kgs)	1	1