

1ST-nanoN100

Fanless mini PC

with Intel® N100 CPU (6W TDP), 2x HDMI, 2x 2,5 GbE, 4x USB, SIM slot



- Based on Intel® Alder Lake N series processor
- SO-DIMM DDR4 slots for memory up to 16GB
- Supports independent display via 2x HDMI2.0 and DP1.4 through USB-C
- Rich I/O ports: 2x 2,5 GbE, 3x USB3.2, 1x USB2.0, USB-C, SIM card slot, RS-232 optional
- Wide expansions: M.2 2242/2280 for SATA SSD or 4G, FPC SATA3.0, M.2 2230 for WiFi/BT
- Fanless design
- Supports Windows 10/11 64bit and Linux 64bit

	Items	Descriptions
Dimensions (WxDxH)		127 mm x 127 mm x 45,6 mm
Motherboard	CPU	Intel® N100 (up to 3,4GHz, 4C/4T, 6MB Intel® Smart Cache, 6W TDP)
	System Memory	SO-DIMM slot supports DDR4-3200 up to 16GB RAM
Storage	Interface	M.2 2242/2280 Key B for SATA SSD or 4G, FPC SATA3.0
Display	GPU	Integrated Intel® UHD Graphics
	Display Interface	2x HDMI2.0, DisplayPort 1.4 through USB-C
Expansion		SIM slot, M.2 2230 Key E for WiFi/BT, supports PCIe/USB/CNVi
Ethernet	Interface	2x 2,5GbE LAN, 10/100/1000/2500 Mbps
	Ethernet Chip	Realtek® RTL8125
	Wake on LAN	Yes
System I/O		4x LAN 3x USB3.2 1x USB2.0 1x USB-C 1x RS232 optional 2x HDMI2.0 3x Holes for antennas
Power Supply		12V DC-IN
TPM, Wired Control		Optional
Cooling Method		Passive
Weight		TBD
Operating temperature		-20°C ~ 60°C, non condensing, Storage temperature -40°C ~ 80°C

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Ordering Information

Part No.	Descriptions
1ST-nanoN100	Supports Intel® N100 (up to 3,4GHz, 4C/4T, 6MB Intel® Smart Cache, TDP 6W)

Dimension (in mm)

