DataSheet : ID PC ALU - Industrial PC

The ID PC ALU is an ultra-compact, fanless computing solution designed to deliver exceptional performance in a small form factor. Featuring a futuristic design with a sleek aluminum casing, it is ideal for modern work environments. This mini PC comes equipped with Windows 11 Pro, with support for Linux and Windows 11. It features an Intel® Core™ i7-1255U processor with 12M cache and a frequency of up to 4.70 GHz, ensuring superior responsiveness and energy efficiency.

The ID PC ALU includes 256GB of M.2 SATA/NVME storage, expandable up to 512GB, and 8GB of DDR4 RAM, with 2 x SODIMM DDR4 slots for additional memory. Its multiple connectivity options include 2 USB 3.0 ports, 2 USB 2.0 ports, and a combo audio jack on the front panel; a Type-C port, DisplayPort 1.4, HDMI 2.0, 2 USB 3.0 ports, an RJ45 LAN port, and a DC IN port on the rear panel.

With an elegant and minimalist design, it allows for discreet installation behind a monitor or under a desk. Its compact dimensions of 135 mm x 125 mm x 51 mm and weight of 1500 grams make it easy to integrate into any workspace. The ID PC ALU comes with a three-year hardware warranty, with an option for extended warranty for years 4 and 5.

Perfect for connecting to RDS, Citrix, VMware, and other remote desktop protocols, the ID PC ALU ensures seamless and secure access to virtual environments. Additionally, it boasts very low electrical consumption, making it an energy-efficient choice for any office. Ideal for 24/7 solutions, the ID PC ALU provides reliable and continuous performance. It can operate in temperatures up to 50°C (122°F).

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Processor	Intel® Core™ i7-1255U Processor 12M Cache, up to 4.70 GHz
Operating System	Windows 11 Pro - Support Linux – Support Windows 10 IoT
Storage	256GB M.2 NVMe (installed), expandable up to 2TB Slots: 1 x M.2 2280 NVMe support PCIE*4 and SATA3.0
Memory	8GB RAM DDR4 (installed) 2 x SODIMM DDR4 slots, expandable up to 64GB RAM

Input / Output ports

Front Panel	1x Power button, power LED 2x USB 3.0 port 2x USB 2.0 port 1 x Combo
Rear Panel	1 x Type-C 1 x DP1.4 1x HDMI 2.0 2x USB 3.0 port 1 x RJ45 1 x DC IN

Resolution	HDMI - Up to 4096x2160@60Hz DP: Up to 4096x2160@60Hz
Audio	Stereo Audio Output - 3,5 mm (1/8 inch) Audio-Out Jack; 16-bit Stereo, Microphone Input - 3,5 mm (1/8 inch),
Network	RJ 45 : 10:100:1000
Environment	Temperature range: Operating - 0°C to 40°C (32°F to 104°F) Storage - 0°C to 60°C (32°F to 140°F) Humidity: Operating - 20 to 80% non condensing; Storage – 10 to 90% non condensing Altitude: 0 to 20,000 ft
Dimensions	135*125*51 mm
weight	1500gr
Power	Device input: 100~240VAC@50/60HZ Device Output: 19VDC/2.5A external power adapter
Security	Built-in Kensington security slot (cable sold separately)
Warranty	Three-year hardware warranty Optional extended Warranty for years 4 & 5.

FRONT SIDE VIEW

1	Power button, power LED
2	USB 2.0 ports * 2
3	USB 3.0 ports * 2
4	Audio Out /Mic In

REAR SIDE VIEW

1	1 x Type-C
2	1 x DP 1.4
3	1x HDMI 2.0
4	2x USB 3.0 port
5	1 x RJ45

Model	UPC	Operating System	Part#	Model / Description
W12ID728	818391008846	Windows 11 PRO	CPN07451	ID PC ALU (no display/kbd/mouse) W12ID728 Windows 11 Pro ,CPU i7 1255U 256GB SSD/8GB RAM, 4x USB 3.0,2 x USB 2.0, 1x Type C ,1 x HDMI , 1 xDP ,1 x RJ45 ,Supply,RoHS, Power Supply