

# 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 10 IoT Enterprise 2019 LTSC, with support for Linux and Windows 11. It features an Intel® Core™ i5-1235U processor with 12M cache, a frequency of up to 4.40 GHz, and an IPU, ensuring superior responsiveness and energy efficiency.

The ID PC ALU includes 512GB of M.2 SATA/NVME storage, expandable up to 512GB, and 16GB 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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<b>Processor</b>	Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz, with IPU
<b>Operating System</b>	Windows 11 Pro - Support Linux - Support Windows 10 IoT
<b>Storage</b>	512GB M.2 NVMe (installed), expandable up to 2TB Slots: 1 x M.2 2280 NVMe support PCIE*4 and SATA3.0
<b>Memory</b>	16GB RAM DDR4 (installed) 2 x SODIMM DDR4 slots, expandable up to 64GB RAM
<b>Input / Output ports</b>	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
<b>Resolution</b>	HDMI - Up to 4096x2160@60Hz DP: Up to 4096x2160@60Hz
<b>Audio</b>	Stereo Audio Output - 3.5mm combo audio/microphone jack
<b>Network</b>	RJ 45 : 10:100:1000
<b>Environment</b>	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
<b>Dimensions</b>	135*125*51 mm
<b>weight</b>	1500gr
<b>Power</b>	Device input: 100~240VAC@50/60HZ Device Output: 19VDC/2.5A external power adapter
<b>Security</b>	Built-in Kensington security slot (cable sold separately)
<b>Warranty</b>	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
W12ID551	818391008839	Windows 11 PRO	CPN07450	ID PC ALU Computer (no display/kbd/mouse) W11ID551 Windows 11 ,CPU I5 1235U 512GB SSD/16GB 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