

DataSheet :CUBEX Nano i5-1235U Mini PC



CUBEX NANO: Ultra-Compact Mini PC for Professional Performance

The **CUBEX NANO** is an ultra-compact mini PC engineered for modern professional environments. With its powerful Intel® Core™ i5-12450H processor and robust connectivity options, it delivers exceptional performance and reliability for demanding applications. Whether for office work, multimedia tasks, or multitasking, the CUBEX NANO is designed to enhance productivity in a compact form factor.

Key Features

High-Performance Processing

- **Processor:** Intel® Core™ i5-1235U, clock speed up to 4.40 GHz.
- **Graphics:** Integrated Intel UHD or Iris® Xe graphics for seamless visuals.

Multi-Display Capability

- Supports up to **4 screens** for efficient multitasking and enhanced productivity.
- **2 HDMI 2.0 ports** supporting 4K@60Hz with CEC.
- Additional outputs via **USB 4.0** (DisplayPort Alt Mode) and **Type-C (Thunderbolt 4)** for flexibility.

Flexible Storage and Memory

- **Storage:** 512GB M.2 PCIe NVMe SSD for fast and reliable performance.
- **Memory:** 16GB DDR4, expandable up to 32GB with **dual RAM slots** for easy upgrades.
- Additional **M.2 2280 NVME slot** for future storage upgrades.

Advanced Connectivity

Front Panel:

- 2 x USB 3.0 ports.
- 1 x USB Type-C port with PD 3.0 (fast charging and data).
- 3.5mm combo audio jack.
- Power button with LED indicator.

Rear Panel:

- 1 x 2.5G Ethernet port (Realtek 8125BG) for ultra-fast networking.
- 2 x HDMI 2.0 ports supporting 4K@60Hz with CEC.
- 2 x USB 4.0 ports (PD3.0-compatible, Thunderbolt 4, supporting high-speed data and 4K display output).
- 2 x USB 2.0 ports.
- 1 x DC IN power port.

Compact and Energy-Efficient Design

- **Dimensions:** Ultra-compact at 117 mm x 111 mm x 35.8 mm, ideal for space-limited environments.
- **Energy-Efficient:** Low power consumption, designed for reliable 24/7 operation.
- **Enterprise Management:** Managed via XcaliburW for centralized and seamless enterprise control.

Software and OS Compatibility

- Compatible with **Windows 11 Pro** and **Linux**, providing flexibility for diverse professional needs.

Applications

The **CUBEX NANO** is perfect for:

- Multi-monitor setups in professional workspaces.
- Multimedia editing and presentations.
- Small offices requiring space-efficient yet powerful solutions.

Why Choose CUBEX NANO?

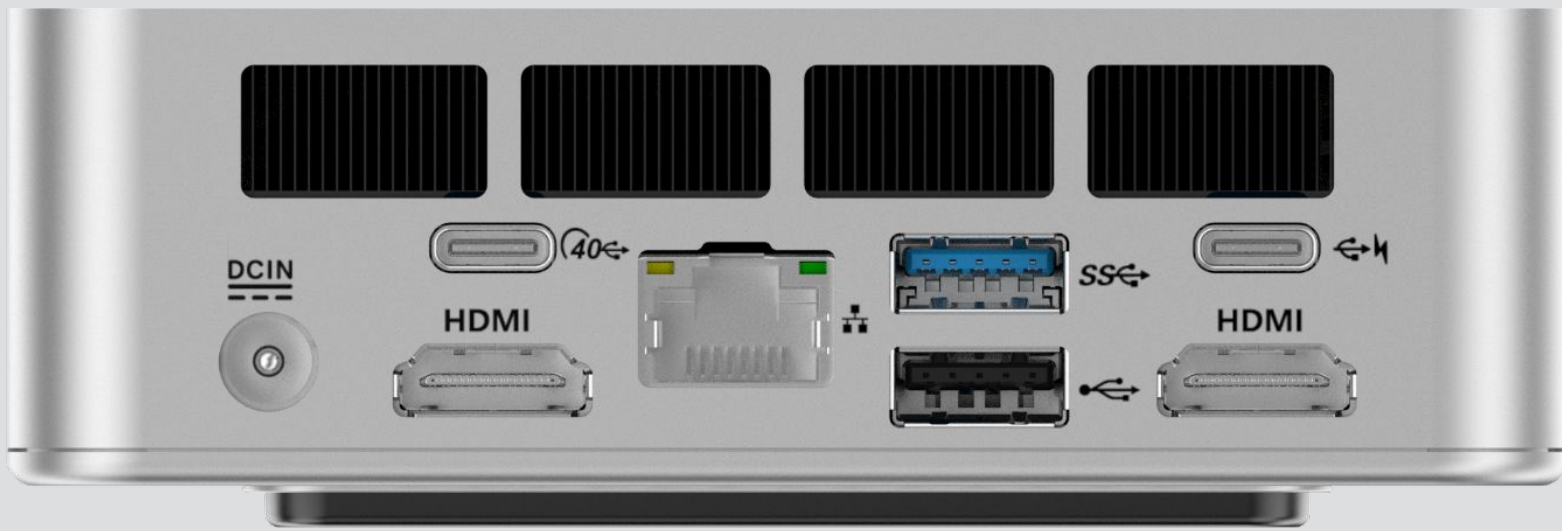
The CUBEX NANO combines high performance, advanced connectivity, and ultra-compact design. It's the ultimate choice for professionals seeking powerful computing in a space-saving form factor.



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Processor	Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz	
GPU	Intel® Iris® Plus Graphics	
Operating System	Windows 11 Pro - Support Linux – Support Windows 10 IoT	
Storage	512GB M.2 NVMe (installed), expandable up to 2TB Slots :1*M.2 2280 PCIE4.0x4 SSD 1*M.2 2242 PCIE4.0x4 SSD	
	16GB RAM DDR4 (installed) 2 x SODIMM DDR4 slots, expandable up to 32GB RAM	
Input / Output ports	Front Panel	1 x Power Button 2 x USB3.0 1 x combo
	Rear Panel	1 Ethernet port 2.5G Realtek 8125BG for ultra-fast network connections 2 HDMI 2.0 ports (supporting 4K@60Hz with CEC) 2 USB 4.0 ports (PD3.0-compatible for fast charging and data) 2 USB 2.0 ports 1 DC IN power port
Resolution	HDMI -Up to 4096x2160@60Hz (4K) Type C - Up to 4096x2160@60Hz (4K)	
Audio	Stereo Audio Output – 3.5mm combo audio/microphone jack	
Network	RJ 45 : 10:100:1000:2500 Intel® WiFi 6 (802.11ax)- Dual Band: 2.4GHz+5GHz & Bluetooth Version 5.2	
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	117*111*35.8mm	
weight	700gr	
Power	Device input: 100~240VAC@50/60HZ Device Output: 19VDC/6.32A external power adapter	
Warranty	Three-year hardware warranty	



UPC	Operating System	Part#	Model / Description
818391009836	Windows 11 PRO	CPN07582	CUBEX Nano Computer (no display/kbd/mouse) Windows 11 Pro CPU i5-1235U, 512G SSD/16GB RAM, 4 x USB 3.0,2 x HDMI , Type C x 2, Wifi & BT,RoHS,Power Supply

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