

DataSheet :CUBEX Nano -i3-1215U-Mini PC



CUBEX NANO: Ultra-Compact Mini PC for High-Performance Computing

Looking for a **compact and powerful mini PC**? The **CUBEX NANO** is designed to deliver exceptional performance in professional environments. Powered by the **Intel® Core™ i3-1215U processor**, this mini PC combines speed, flexibility, and space-saving design. Perfect for **multi-monitor setups**, **office productivity**, and **multimedia tasks**, the CUBEX NANO is a game-changer for businesses and professionals alike.

Why Choose CUBEX NANO?

The **CUBEX NANO mini PC** stands out with its **ultra-compact design** and impressive processing power. It's ideal for anyone looking for:

- A **space-efficient desktop replacement**.
- Seamless **4K multi-display capabilities**.
- Reliable, **24/7 operation** for demanding tasks.

Key Features and Benefits

Compact Size, Big Power

- **Processor:** Intel® Core™ i3-1215U with up to **4.40 GHz clock speed**.
- **Graphics:** Integrated Intel UHD Graphics for sharp visuals and smooth performance.

Multi-Display Support

- Supports **up to 4 screens** for multitasking and productivity.
- Features **2 HDMI 2.0 ports** for **4K@60Hz** resolution with CEC.
- Additional display options via **USB 4.0 (DisplayPort Alt Mode)** and **Type-C Thunderbolt 4**.

Fast and Flexible Storage

- **Pre-installed:** 256GB M.2 PCIe NVMe SSD for ultra-fast performance.
- **Expandable:** Additional M.2 2280 NVMe slot for future storage upgrades.

Upgradable Memory

- Comes with **8GB DDR4 RAM**, expandable up to **32GB**.
- Dual RAM slots for easy upgrades.

Advanced Connectivity

- **Front Panel:**
 - 2 x USB 3.0 ports for fast data transfer.
 - 1 x USB Type-C port with **PD 3.0** for charging and data.
 - 3.5mm audio combo jack.
- **Rear Panel:**
 - 2.5G Ethernet for lightning-fast networking.
 - 2 x HDMI 2.0 ports and 2 x USB 4.0 (Thunderbolt 4) for versatile connectivity.
 - 2 x USB 2.0 ports for peripherals.

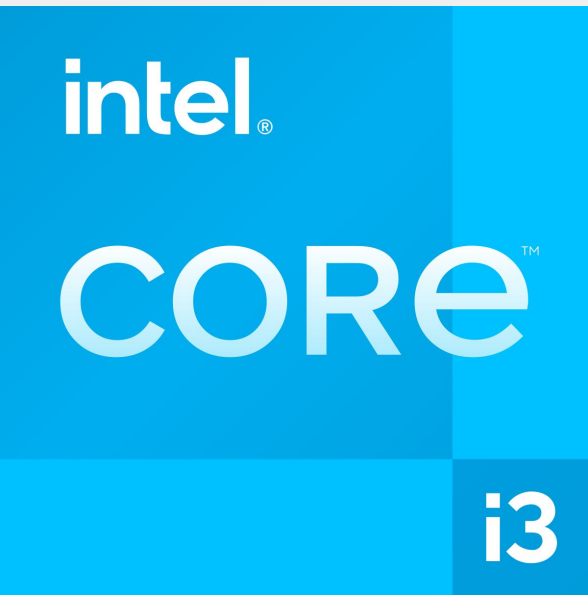
Energy-Efficient Design

- **Compact Dimensions:** Just **117 x 111 x 35.8 mm**—fits anywhere.
- **Eco-Friendly:** Low power consumption, optimized for **24/7 reliability**.
- **Enterprise Management:** Compatible with **XcaliburW** for centralized control.

Applications for the CUBEX NANO

This **mini PC** is perfect for:

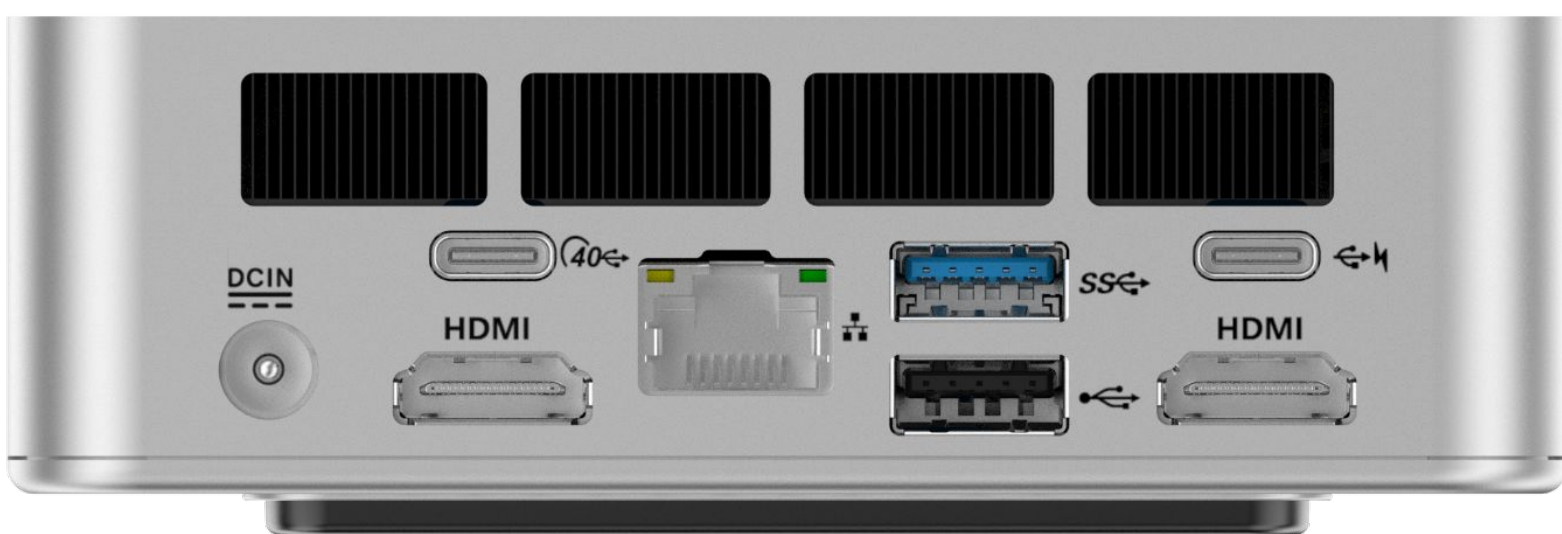
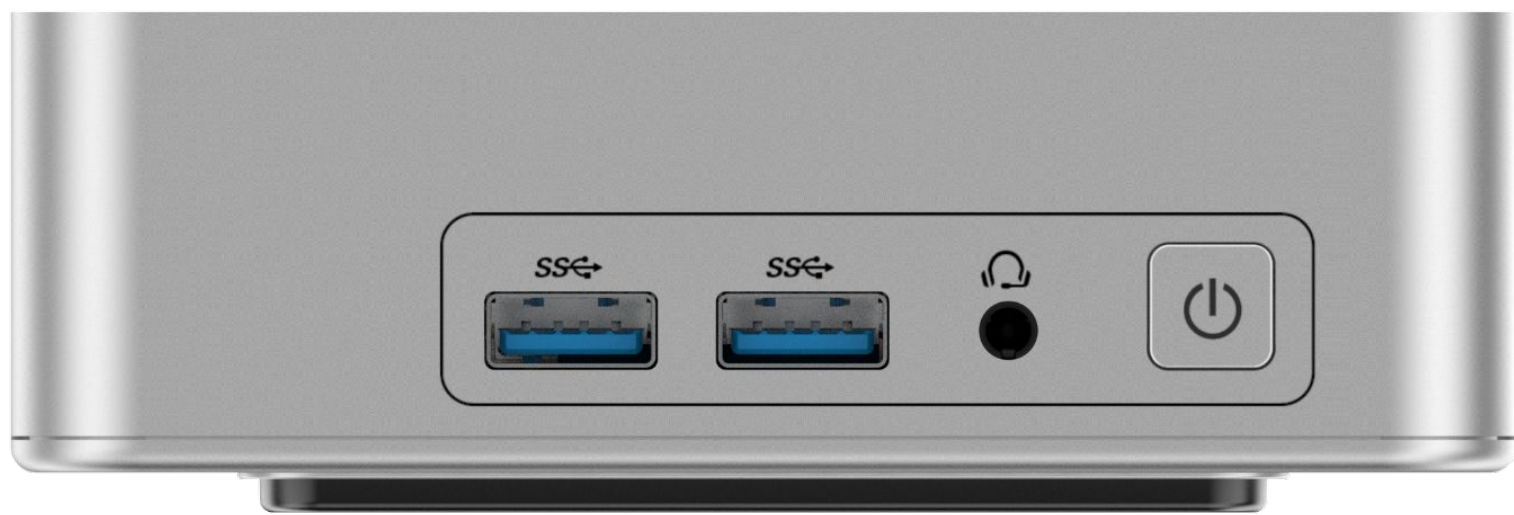
- **Professional Workspaces:** Enhance productivity with **multi-monitor setups**.
- **Multimedia Editing:** Ideal for video editing, presentations, and creative tasks.
- **Small Offices:** Space-saving and powerful for all-day performance.



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Processor	Intel® Core™ i3-1215U Processor 10M Cache, up to 4.40 GHz, with IPU	
GPU	Intel® Iris® Plus Graphics	
Operating System	Support 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	
Input / Output ports	16GB RAM DDR4 (installed) 2 x SODIMM DDR4 slots, expandable up to 32GB RAM	
	Front Panel	1 x Power Button 2 x USB3.0 1 x combo
Resolution	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
	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	



Operating System	Part#	Model / Description
Windows 11 PRO	CPN0775	CUBEX NANO i3-1215U PC (no display/kbd/mouse) No OS CPU i3-1215U , 512 SSD/16 GB RAM, 2 x Type C USB 3.2,2 x Type-C 4.0 Full Function, 2 x USB 2.0, 2 x HDMI , Wifi 6 & BT 5.2 ,RoHS,Power Supply

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