

CUBEX Ultra 7 155U-Mini PC

The CUBEX Ultra 7 by Chip PC Technologies

The CUBEX Ultra 7 is a compact and powerful mini PC designed for high-end business environments. It features a sleek aluminum casing and a silent fan for quiet and reliable operation.

Running on Windows 10 Pro or Windows 11 Pro, with support for Linux, the CUBEX Ultra 7 is powered by the Intel® Core™ Ultra 7 155U processor with 12MB cache and speeds up to 4.80 GHz, combined with Intel® Iris® Xe Graphics. The platform also includes Intel® AI Boost, offering integrated acceleration for AI-driven applications and modern workloads.

Key Features:

Storage and Memory:

512GB M.2 SATA/NVME SSD (expandable to over 2TB), an additional M.2 2280 NVME SSD slot, and 16GB DDR5 RAM @ 5200MHz (expandable up to 64GB).

Front Panel:

3 USB 3.2 ports (10Gbps), MIC IN, Audio out, Type-C port, Power Button.

Rear Panel:

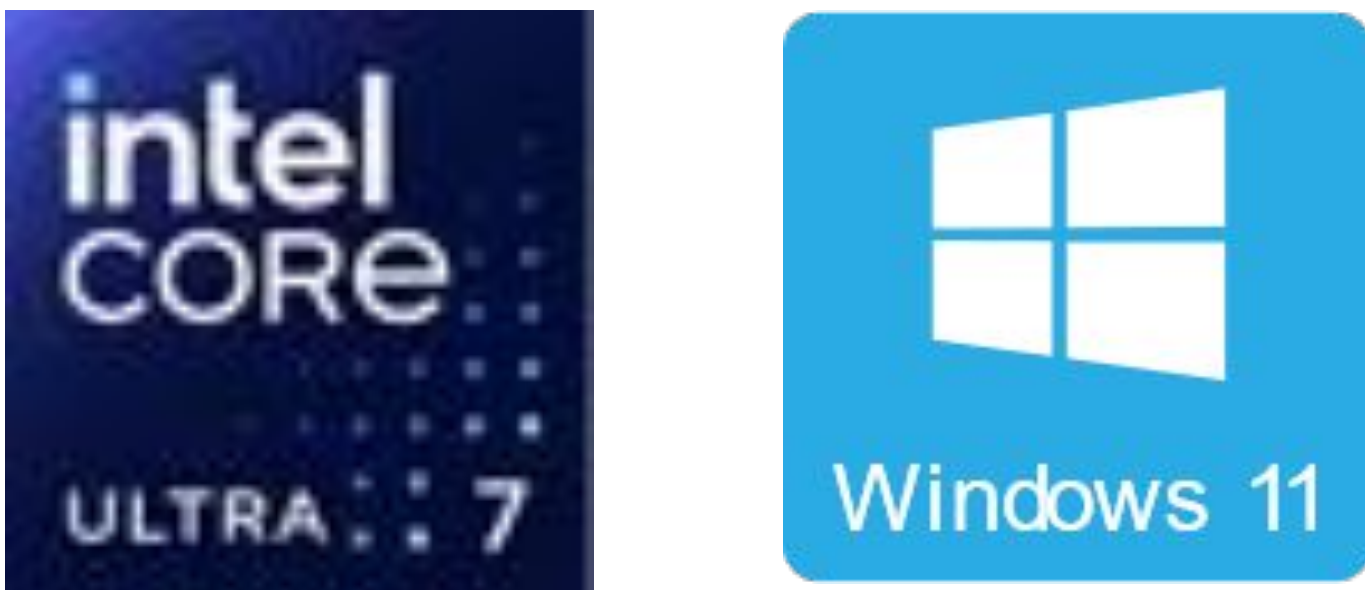
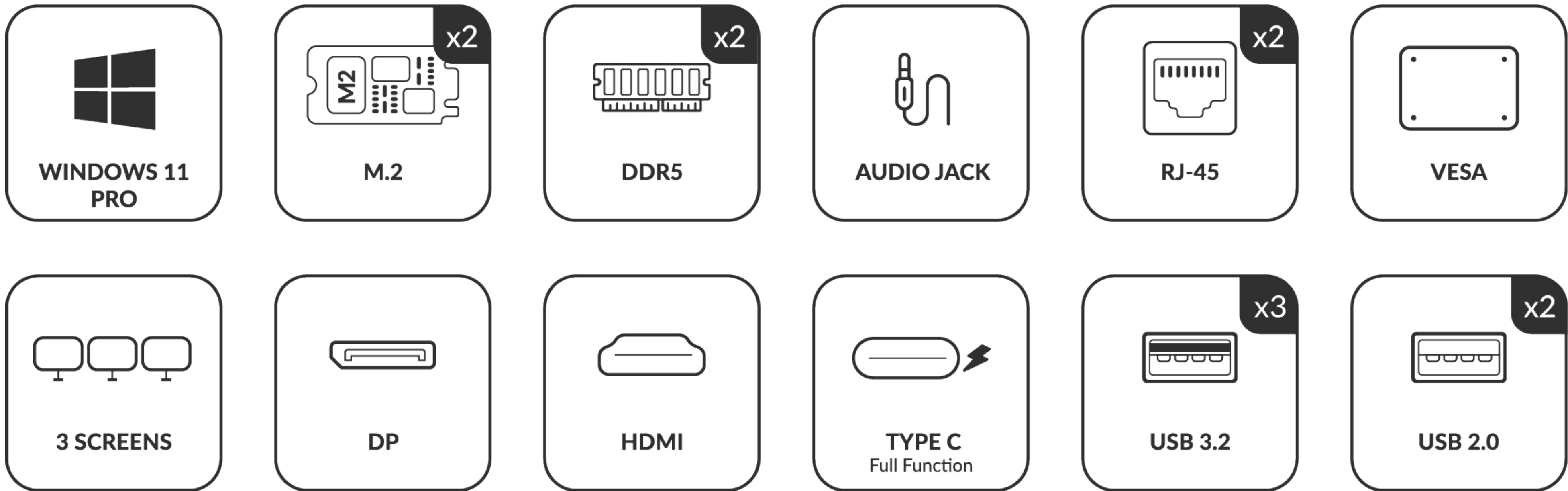
2 RJ45 Gigabit LAN ports, 2 USB 2.0 ports, DP 1.4, 1 HDMI 2.0 port, DC IN port.

Display and Connectivity:

- HDMI 2.0 4K@60Hz: Up to 3840 x 2160
- DP 1.4 8K@60Hz: Up to 8192 x 4608
- Intel® WiFi 6 (802.11ax): Dual Band (2.4GHz + 5GHz)
- Bluetooth Version 5.2

Perfect for Office, AI, and Edge Work

Managed with XcaliburW from Chip PC Technologies, the CUBEX Ultra 7 is ideal for professional environments, AI-enhanced workflows, and local computing. It offers low energy consumption and reliable 24/7 performance in a compact, silent design.



CUBEX Ultra 7 155U-Mini PC



Processor	Intel® Core™ Ultra 7 Processor 155U 12M Cache, up to 4.80 GHz	
GPU	Intel® Iris® Xe Graphics	
Operating System	Windows 11 Pro - Support Linux – Support Windows 10 IoT	
Storage	512GB M.2 NVME expandable to over 2TB Support SATA additional M.2 2280 NVME SSD	
Input / Output ports	16GB RAM DDR5 (installed) 2 x SO-DIMM DDR5 Slot, up to 64GB DDR5 5200MHz	
	Front Panel	1 x Power Button 3 x USB3.2 1 x MIC IN 1 x Audio out 1 x Type-C Full Function
Resolution	Rear Panel	2 x RJ45 Gigabit LAN port 2 x USB2.0 1 x DP 1 x HDMI 2.0 1 x DC IN
	HDMI 2.0 4K@60Hz: Up to 3840x2160 DP 1.4 8K@60Hz: Up to 8192x4608	
Audio	Headphone/microphone mini-jack	
Network	Dual RJ 45 : 10:100:1000 Intel® WiFi 6 (802.11ax)- Dual Band: 2.4GHz+5GHz & Bluetooth Version 5.2	
Environment	Temperature range: Operating - 0°C to 60°C (32°F to 140°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	138*126*44mm	
weight	700gr	
Power	Device input: 100~240VAC@50/60HZ Device Output: 19VDC/4.74A external power adapter	
Warranty	Three-year hardware warranty	

FRONT SIDE VIEW	
1	Power button, power LED
2	1x MIC IN 1 x Audio out
3	1 x Type-C
4	3x USB3.2



REAR SIDE VIEW	
1	2x USB2.0
2	1 x Displayport
3	1 x HDMI 2.0
4	2 x RJ45
5	1 x DC



Model	UPC	Operating System	Part#	Model / Description
WCXU7155U	818391002653	Windows 11 PRO	CPN04190	CUBEX U7 155U (no display/kbd/mouse) WCXU7155U , Win11 PRO ,CPU Intel Core U7-155U , 512GB SSD/16GB RAM DDR5, 1 x Type-C , 3 X USB 3.2 , 2 x USB 2.0, 1 x HDMI 2.0, 1 x DP1.4 ,2 x RJ45 1Gb ,WiFi6 , International Power Supply

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