



CLEAR CUBE

Robust and configurable devices deliver fantastic performance particularly when **processing power, graphics-handling capabilities and hi-res multi-monitor arrays are required**



Part Number Part Description

G0901200 - EdgeCube

TECHNICAL SPECS



Weight

4.51 lbs.
(2.04 kg)



Dimensions

2U
3.4" (H) x 8.5" (W) x 8" (L)



Storage Environment

Humidity: 5% to 90% non condensing
Temperature: -40C to 85C



Power

Power - 12V-28V
power input -
Up to 240W



TAA-certified

Design and built
in Texas



Connectivity

Fiber connectivity
options

KEY FEATURES

Chipset

- Q670

(Contact ClearCube for other chipset/motherboard options)

CPU

Intel 12th-14th Gen

- i3 14100
- i5 14500
- i9 14900
 - SecureBoot
 - TPM 2.0

Video

EdgeCube Pro

Standard - 3 x4K video
With GPU - 7 x 4K video (3 from motherboard)

External Ports

2 x DP
1 x HDMI
3.5mm Mic + 3.5mm Speaker
2 x 2.5Gbps RJ45 Ethernet
4 x USB 3.2 (Gen 2) Rear
2 x USB 3.2 (Gen 1) Front
Optional COM port

Front Panel Options

Removable Drive Bay
SmartCard Reader (limited to i5 processor and below)

TECHNICAL SPECS

Physical Characteristics

Metal housing

Storage

2280 M Key
2242 M Key (GEN4+ SATA)
2.5 Drive

Memory

64GB

Network

2 x RJ45 2.5Gbps
1 x SFP Fiber (Optional)

Operating System

Windows 11 Pro
Linux
IGEL OS

Operational Environment

Humidity: 5% to 90% non condensing
Temperature: -20C to 70C (Note that hotter environments may require dropping CPU wattage if heavy loads are expected)

Optional Expansion Cards *

NVIDIA RTX Pro 4000 Blackwell SFF
NVIDIA RTX 2000 Ada
NVIDIA RTX A1000
NVIDIA RTX A400
Dual 10Gbps Fiber (SFP+)
Dual 25Gbps Fiber (SFP28)
Removable M.2



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The EdgeCube is a 2U height, small form factor computer. If you require a fully custom build, we offer the option to select from a wide-ranging menu of options that allow you to have the configuration that meets your specific needs.

Use Cases:

- The basic model is a capable desktop workstation for task and knowledge workers, and it can serve as a robust thin client for VDI or remote applications.
- The configurability of the EdgeCube allows it to serve as a branded builder's platform for MSPs selling different configurations for distributed desktop users/DaaS.
- Its enormous storage options could equip the EdgeCube for network monitoring, AI, data modeling. Financial institutions could use the EdgeCube with ECC memory as an option (with the right motherboard).
- Expandable GPU capacity allows the EdgeCube to handle GIS applications, AI, heavy CAD/CAM design, interactive entertainment design and development.

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Ordering Information CALL: (866) 652-3500

Email: sales@clearcube.com to order or for more information