

# PBX-524K

Super Workstation ProXbox Performance



## Key applications

- CAD and 3D Modeling



Professional Overclocking



Liquid Cooler



Mid Tower Custom Air Flow



PCI 4.0 High Endurance



3 Years Premium warranty

## Basic features



Intel® Core™ i5-14600KF up to 5.3GHz,  
14 cores / 20 threads - 6 P-Core, 8 E-Core



Nvme 1TB Gen4 1DWP, 1D  
R 700000 - W 400000 IOPS (4KB)



32GB DDR5-6000MHz,  
CAS Latency 39



One Nvidia® GPU supported  
A1000 8Gb, RTX 2000 ADA 16Gb or RTX 4000 ADA 20Gb



668W Platinum Level  
Power Supply



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# Specifications

## Processor

Chipset: Intel® 600/700 Series

Socket: Intel® Socket FCLGA1700

Processor: Intel® Core™ i5-14600KF

# of Cores: 14 (6 P-Core, 8 E-Core)

# of Threads: 20

Core base frequency: 3.50GHz (P-Core),  
2.60GHz (E-Core)

Core max frequency: Up to 5.3GHz Overclocked

## System cooling

Cooling: Water Cooled

Radiator dimensions (mm): 398 (L) x 120 (W) x 38 (H)

## Memory

Max configurable memory: 128GB DDR5-6000MHz  
(4 x 32GB)

CAS latency: 39

## Storage

- M.2 slots:
- 1 x M.2 22110 (PCIe 4.0 x4 & SATA mode)
  - 1 x M.2 22110 (PCIe 4.0 x4 mode)
  - 1 x M.2 2280 (PCIe 4.0 x4 mode)

## Expansion slots

- PCIe slots:
- 1 x PCIe 5.0 x16 SafeSlot Core+
  - 3 x PCIe 4.0 x16
  - 1 x PCIe 3.0 x1

## On-Board devices

- Connectors:
- 1 x USB 3.2 Gen 2 Type-C
  - 2 x USB 3.2 Gen 1
  - 2 x USB 2.0
  - 4 x SATA 6Gb/s
  - Thunderbolt connector

## Chassis

Form factor: Midi-Tower

Front panel: Personalized ProXbox's front panel to optimize the cabinet's air flow

Dimensions (mm): 450 (L) x 231 (W) x 463 (H)

Color: Black

## Input/Output

Top I/O:

- 1 x USB 3.2 Gen 2 Type C
- 2 x USB 3.2 Type A
- HD audio (Microphone + Audio)

- Rear I/O:
- 1 x USB 3.2 Gen 2x2 Type-C
  - 3 x USB 3.2 Gen 2 Type-A
  - 4 x USB 2.0 Type-A
  - 1 x M.2 Slot (Key E)
  - HDMI port
  - Display port
  - Realtek 2.5Gb Ethernet
  - 3 x Jack audio

## Power supply

Base power: 668W ATX 3.0

Certification:  Platinum Level

## Operating system

OS: Microsoft® Windows™  
11 Pro 64 bit

## Software

Gestione IT da remoto: Control Center Express

## Mouse e tastiera

Mouse: Logitech® B110

Tastiera: Logitech® K120

