



TECHNOLOGY
DESIGNED, SERVED AND SUSTAINED

A workstation that does it all

StoneWS Expert

The StoneWS Expert is the perfect all rounded workstation, powered by the latest Intel® Xeon® W processors. Experience up to 50% improved onboard graphics performance, up to 20x PCIe 4.0 lanes and take embedded AI performance to the next level with Intel® Deep Learning Boost.





Technical Breakdown

Operating System

Windows 11, Windows 10,
RHEL 8.4, Ubuntu LTS 20.4

Processor

Intel Xeon W-1370 Socket LGA1200

Supported Processors

10th Generation Intel® Core™
i9/Core™ i7/Core™ i5/Core™
i3/Pentium®/Celeron® Processor
11th Generation Intel® Core™ i5/i7/i9
Processors
Intel® Xeon® W-1200 Processors
Intel® Xeon® W-1300 Processors

Motherboard

Supermicro X12SCA-5F

CPU Cooler

Intel CPU Cooler

Storage

WD Black M.2 500GB NVMe
Solid State Drive as standard

M.2 PCIe SSD up to 8 TB
SATA SSD up to 15TB
HDD up to 20TB

6 SATA Ports (5 Free)

3 M.2 Slots (1 PCIe 4.0, 2 PCIe 3.0)

Memory

4x DDR4 DIMM Slots Unregistered
ECC Memory support (non-ECC with Core I CPU)
32GB 3200 MHz As standard (2x16GB DIMMs)
2x Slots free - 128GB Maximum using all slots

Chassis

Chieftec BM-25B-OP
External 3x 5.25" and 1x 3.5"
Internal 3x 3.5" and 1x 2.5"
4x USB
Front Audio

Chipset

Intel W580

Chipset Features

Intel vPro,
Intel Active Management Technology (AMT)
RAID 0,1,5,10
WOL,
IPMI (Intelligent Platform Management Interface)
v2.0 with KVM support

Graphics

Nvidia T600 as standard
4 GB GDDR6
4 mDP (mini displayport) 1.4 ports

Display Ports

1 DVI - D port
1 DP 1.4a port
1 HDMI 2.0b
1 VGA

Power Supply

400W 80 PLUS ATX Gold as standard
Optional upgrade to 500W 80PLUS Gold
Optional upgrade to 750W 80PLUS Gold
Optional upgrade to 850W 80PLUS Gold

Data Security

Intel Platform Trust Technology (PTT)

Audio

ALC 888S HD Audio

Optical Drive

Optional upgrade to a 5.25" Optical Drive

Wired Networking

1 RJ45 Gigabit Ethernet LAN port
1 RJ45 2.5 Gigabit Ethernet LAN port

Wireless Networking

Optional wireless LAN adapter via PCIe

Expansion Slots

2 PCIe 4.0 x8/x16 Slots (1 Free)
2 PCIe 3.0 x1 Slots
1 PCI Slot

Front Ports

2x USB3.1 Gen 1
2x USB 2.0
Speaker/Headphone Out
Microphone





Technical Breakdown

Rear Ports

- 1 DisplayPort 1.4a
- 1 HDMI Port 2.0b
- 1 Digital Video Interface (DVI-D)
- 1 VGA
- 4 USB4: USB 3.2 Gen 2x1 (Type A)
- 1 USB 3.2 Gen 2x2 (Type C)
- 2.5Gb LAN Port
- 1Gb LAN Port
- 1Gb Dedicated IPMI Port
- Speaker/Headphone Out, Microphone,
- Line-In, Rear Speaker Out,
- Center/Subwoofer Speaker Out
- S/PDIF Out
- 4 mDP via Nvidia T600

Security

Kensington Lock Support

Unit Dimensions

198mm (W)x 437mm (H) x 491mm(D)

Power Cable

Standard UK Power Lead

Unit Weight

8KG +/-

Included Peripherals

Microsoft Wired 600 105-Key Keyboard and Microsoft Wired 600 3-button Mouse

Warranty

3 Years On-Site Warranty as standard, upgradeable upto 7 Years

Eco

Energy Star® 7.1 compliant, EPEAT® Silver compliant

FAST AND EFFECTIVE
Only the best components utilised



INSTALL TO DESK AVAILABLE
The complete Stone experience



UP TO 7 YEAR WARRANTY
Experienced engineers on hand



TAILORED CONFIGURATION
Bespoke builds fit any requirement



ENVIROMENT FRIENDLY PACKAGING


