



Workstation DATASHEET

Make: HLBS Workstation

Model: CMW1000T

TECHNICAL SPECIFICATION	
Form Factor	Tower
Processor Make	Intel
Processor Generation	13
Number of Cores per Processor	24
Processor Base Frequency (GHz)	3
Processor Turbo Frequency (GHz)	5.4
Processor Description	Intel Core i9
Processor Number	Intel Core i9 13900K
L3 Cache	32 MB L2 cache
Number of sockets available on the motherboard	1
Number of Sockets populated with the Processors	1
Cache (MB) smart cache	36
Chipset Number	Intel W680
Expansion Slots (PCIe x 4) (Number)	1
Expansion Slots (PCIe x 16) (Number)	1
Graphics Type	Dedicated/Discrete
Number of Graphic Cards	1
Graphic Card Description	NVIDIA RTX A5000 24GB
Operating System (Factory Pre-Loaded)	Windows 11 Professional
OS Certification	Windows
Applications Compatible with the Workstation (Requisite document may be furnished as and when demanded by the buyer)	Adobe After Effects CS/CC
RAM Type	DDR5
RAM Speed (MHz)	4800
Type of Memory	nonECC
RAM Size (GB)	128
Total Numbers of DIMM Slots Available	4

Number of DIMM Slots Populated	4
RAM Expandability upto using spare DIMM Slots (GB)	128
Type of Drives used to populate the internal Bays	M.2 NVME
Number of Drives	1
Capacity of each Drive (GB)	1024
Type of Drives used to populate the Internal Bays	SATA
Total number of Internal Bays available for SATA Drive	2
Number of Internal Bays populated with SATA Drive	2
Each SATA Drive Capacity (GB)	4000
Speed of each SATA Drive (RPM)	7200
Total SATA Drive Capacity (GB)	8000
Total number of Internal Bays available for PCIe SSD M.2 NVME	1
Number of Internal Bays populated with PCIe Drive M.2 NVME	1
Capacity of each PCIe M.2 NVME Drive (GB)	1024
Total PCIe M.2 NVME Drive Capacity (GB)	1024
RAID level	1
Number of RAID Controller Ports	4
Speed of RAID Controller Ports (Gbps)	6
Type of Ethernet Ports	Single Gigabit NIC 10/100/1000
Number of Ethernet Ports	2 No's of Dual port 1G RJ45 copper LAN card+ 2 No's of 10GbE SFP+ SR LAN cardwith SFP+ SR transceivers + 2 No's of 5m Multi-mode fibre cables.
Number of USB Version 2 Point 0 Ports	2
Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	2
Number of USB Version 3 point 1, Gen 2 Ports	2
Number of USB Type C Ports	2
Number of DP Ports	4
Display Availability	Monitor
Number of display	2
Display Size (cm)	68-71
Display Type	Non Touch
Panel Type	Flat
Panel Technology	IPS
Display Resolution (Pixels)	2560x1440
Colour Gamut	72% Color Gamut
Monitor Stand	standard
Anti-glare support	Anti-glare support
On-screen controls	OSD controls brightness, contrast
Contrast Ratio	1000:1
Brightness	300 Nits
Signal Connector	1 No's of Display port for connectivity
Speakers	integrated speakers in monitor

Maximum Power (Watts)	700
Minimum Power Efficiency (%)	90, with 230 VAC 3-pin power cords.
Power Management Unit	Yes
Mouse Connectivity, If available	Wired
Type of Mouse, If available	Optical Scroll
Keyboard Connectivity, if available	Wired
Type of Keyboard, if available	Standard
Number of External Bays	1
Security	H/W Based
Availability of Bundled Software	Yes
Type of Bundled Software	Standard Performance Improvement Software
BIS Registration under CRS of Meity (Requisite certificate may be furnished as and when demanded by the buyer)	Yes
BIS Registration Number and its Validity	R-82000515
ROHS Compliance	Yes
Other Certification Available (Requisite certificate may be furnished as and when demanded by the buyer)	CE,FCC
Minimum Operating Temperature (Degree C)	10
Maximum Operating Temperature (DEgree C)	35
Minimum Operating Humidity (%RH)	20
Maximum Operating Humidity (%RH)	85
On Site OEM Warranty (Year)	5

Yours Faithfully



Rashmi Dhote
(General Manager)
HLBS TECH PRIVATE LIMITED
+91-9826527444
rashmi@hlbstech.com