



# HLBS Workstation

HLBS workstation is a computer intended for individual use that is faster and more capable than a personal computer. It's intended for business or professional use (rather than home or recreational use). Workstations and applications designed for them are used by small engineering companies, architects, graphic designers, and any organization, department, or individual that requires a faster microprocessor, a large amount of random access memory (RAM), and special features such as high-speed graphics adapters. Historically, the workstation developed technologically about the same time and for the same audience as the [UNIX](#) operating system, which is often used as the workstation operating system.

Model	HLBS CMX 1000T (Series)			
CPU	Intel (R) Xeon (R) Processor E5-2650 v2/v3, 2.6 GHz 20 MB L3 cache	Intel Xeon E5-260 v2/v3, 2.1 GHz, 15 MB L3 cache	Intel Xeon E5-1607 (v2/v3) processor, 3.0 GHz, 10 MB L3 cache	Intel Xeon E5-1245 v3, 3.4 GHz, 8 MB L3 cache
Chip Set and Motherboard :	Intel C 602 chipset			Intel C 216 chipset
Memory	8 GB DDR3 1600 Mhz expandable upto 256 GB	4 GB DDR3 1600 Mhz expandable upto 96 GB	4 GB DDR3 1600 Mhz expandable upto 64 GB	4 GB (2x2GB) DDR3 expandable upto 64 GB
Hard Disk Drive	1x1000 GB SATA HDD at 7200 rpm upgradeable to 2 HDD	1000 GB SATA HDD at 7200 rpm upgradeable to 2 HDD	500 GB SATA 7200 rpm Upgradeable to 2 HDD	500 GB 7200 rpm SATA Hard Drive
Storage Controller :	SATA Controller RAID support 0 & 1			Integrated 4 channel Serial ATA controller with RAID 0, 1 & combination of 1 & 0 functionality
Storage Controller :	Standard Keyboard Optical Scroll Mouse			
PCI Slots	5 PCI/PCI Express including 2 PCI Express X 16 for Dual Graphics and TESLA Card support.	4 PCI/PCI Express including 1 PCI Express X 16	5 PCI/PCI Express including 1 PCI Express X 16 for graphics	4 PCI/PCI Express including 1 PCI Express X 16
Bays :	Total 4 Bays (2 internal, 2 external)			Total 4 Bays with minimum 2 internal and 1 external
Ports	5 USB 2.0 USB 3.0, RJ-45, audio in. audio out mic in.			
Cabinet	Mini tower			
Optical Drive	8 X DVD writer			
Networking features	Integrated 10/100/1000			
Operating System	Microsoft Windows 8.1 Professional 64 Bit			
OS Certifications	Windows OEM certification for (a) Digital Content Creation (DCC), (b) Electronic Design Automation (EDA) and (c) Mechanical Computer Aided Design (MCAD)			
Safety Certification	As per IEC:- 60950-1 / IS:13252 with all amendments up to date.			
Power Supply	230V +/- 10% single phase, 50 Hz Ac			
Power management	ACPI (Advanced Configuration and Power Management Interface)			
Bundle Software	System Health monitoring Tool available with H/W box.			
Security	Integrated panel lock pr pad lock.			