DESKTOP COMPUTERS DATA SHEET

Make: HLBS
Model: CM44

Model: JWG-EMPC200 / JWG-2308YM

Technical Specifications

Processor Make	Intel
Processor Generation	13th
Number of Cores per Processor	14
Number of Threads per Processor	20
Processor Max Turbo Frequency (GHz)	4.8Ghz
Processor Description	Intel Core i5
Processor Number	Intel Core i5 13500
Out of Band Management	Yes
Cache (MB)	24
Launch Date	Q1' 2023
Passmark Benchmark	31575
Chipset Series	Intel Q Series, Support Vpro Management
ECS Chipset Model Number	Q670 Express Chipset

Factory: 24/2D, Sector J.K. Road, Industrial Area, Govindpura, Bhopal
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UEFI / Wake On Lan / Remote Management	- 64-bit support: X86-64 - UEFI with firmware protection measures against any type of physical failure and against malware-type attacks. - support for WOL/PME Wake On Lan and PXE boot. - support for remote management embedded in the firmware. - Construction, design and quality of an enterprise or professional type according to denomination in the IT market. - Standard Micro-ATX form factor
Expansion Slots (PCIe x 1) (Number)	2
Expansion Slots (PCIe x 4) (Number)	0
Expansion Slots (PCIe x 16) (Number)	1
Expansion Slots (PCI) (Number)	1
Expansion Slots (M Dot 2)	2
Graphics Type	Integrated
Graphic Card Description	Intel UHD Graphics 770
Discrete Graphics	Support size below 250mm
Display	Support HDMI and DP Port supply, Direct X12
Operating System (Factory Pre-Loaded)	Windows 11 Professional
Recovery Image Media	CD from the OEM
OS Certification	Windows
Type of RAM	DDR5
RAM Size (GB)	16

RAM Speed (MHz)	4800
Total Numbers of DIMM Slots Available	2
Number of DIMM Slots populated	1
RAM	96

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Expandability up to(using spare DIMM Slots in GB)	
Total Number of Internal Bays available	1
Number of 2 point 5 inches internal Bays	1
Number of 2 point 5 Inches Internal Bays Populated	1
Type of Drives used to populate the Internal Bays	SSD
Number of Internal Bays populated with HDD	0
Capacity of each HDD (GB)	NA
Total HDD Capacity (GB)	0
Number of Internal Bays populated with SSD	1
Capacity of each SSD (GB)	512 M.2 NVMe
Total SSD Capacity (GB)	512
Number of Internal Bays populated with SSHD	0
Capacity of each SSHD (GB)	NA
MB Form Factor	Micro ATX (244x244mm)
Cabinet Size	265x160x353mm
Cabinet Volume (Litres)	12.0
External Bays (Number)	1
Optical Drive	N/A
Internal Speaker	No

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Audio-in	Yes
Audio-out	Yes
Headphone out	Yes
Microphone-in	Yes
Wireless Connectivity	Yes
If Yes, Type of Wireless Connectivity	802.11 b/g/n/ac
Number of Ethernet Ports	1
Type of Ethernet Ports	10/100/1000 on board Integrated Gigabit Port
Lan Chipset	Gigabit Lan Intel I219LM
Bluetooth Connectivity	No
Number of USB Version 2 Point 0 Ports	4
Number of USB Version 3 point 0 / 3 point 1, Gen 1 Ports	4
Number of USB Version 3.2 Gen1 Ports	2
Number of USB Version 3.2 Gen2 Ports	1
Number of USB 3.2 Gen2 Type C Ports	1
Number of Serial Ports	1
Number of Parallel Ports	0
Number of VGA Ports	1
Number of HDMI Ports	1
Display	Max Resolution 4096x2160 @60Hz
Number of DP Ports	1
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Number of DVI Ports	1
Manageability	-Control of agent presence on the client from the hardware. - Antivirus filters on the LAN network interface - Support for network security protocols such as NAC or NAP - Access and event auditing. - Remote alerts. - Support request initiated from the PC even if it is outside the corporate network. - Scheduled remote maintenance. - Remote encryption management. - Alarm Clock (local alarm clock on PC without connection to the console) - Activation/configuration from the client station without depending on the server. - Rollback to previous versions of the firmware.
TPM 2.0	Integrated TPM2.0 Chip (Installed and Activated)
Case Size	265x160x353mm
Front Port	USB3.0*1+USB2.0*2 HD audio*1, 3.5mm jack Power button*1, Reset*1
Others	3m UTP Cat.6 Ethernet network cable
	RoHS or EPR Ready certifications.
Power Supply	Internal and certified as 80 PLUS Platinum or higher.
Model of the Monitor	JWG-2308YM
Monitor Technology	IPS
LED Backlit Monitor Size (INCHES)	23.8
Screen Frame	Frameless Design (Screen Frame not exceed 7mm in width on Top, left and right)
Screen Format	16:9
Monitor Resolution (PIXELS)	1920x1080
Energy Star 8.0 Certification for Monitor	Yes
Number of VGA Ports in the Monitor	0
Number of HDMI Ports in the Monitor	1

Number of Display Ports in the Monitor	1
Number of USB ports in the Monitor	1
Brightness / Viewing Angle	250cd/m2, 178/178
Availability of Webcam integrated with Monitor	Yes
If Yes, Resolution of Webcam	3MP with Built-in Microphone
Type	Integrated and retractable, complying with GDPR
Availability of Speakers integrated with Monitor	Yes
If Yes, Number of Speakers available	2
Adjustable Stand	Tilt Angle (-5° / 20°) Swivel Angle (+45° /-45°) Elevation Range (150 mm) Swivel (-90° / 90°)
Power Supply	Internal and certified as 80 PLUS Platinum or higher.
Power Supply Capacity (Watt)	500
Minimum Power Efficiency Range (%)	85 - 89
ROHS Compliance	Yes
BEE / Energy Star for the given Model	Yes
Mouse Connectivity	USB Wired
Type of Mouse	Optical Scroll 1200 DPI
Keyboard Connectivity	USB Wired
Type of Keyboard	Standard with Smart Reader
Headset with Microphone	USB Wired
Format Type	Supra-Aural

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Minimum Operating Temperature	10 degree Celsius
Maximum Operating Temperature	40 degree Celsius
Minimum Operating Humidity (%RH)	10
Maximum Operating Humidity (%RH)	90
On Site OEM Warranty (Year)	3

Yours Faithfully

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