



CEMA AG Spezialisten
für Informationstechnologie

data sheet

IBM BladeCenter HS22 7870 - Server

Product information

Shop-Navcode S8669250
Manufacturer IBM



1.346,00 EUR
without Tax

Product information	
Part number	S8669250
Manufacturer	IBM
Manuf. part number	7870K4G
Net price	1.346,00 EUR, without Tax
Main specifications	
Product Description	IBM BladeCenter HS22 7870 – Intel® Xeon® Processor E5620 2.4 GHz
Type	Server
Form Factor	Blade
Dimensions (WxDxH)	2.9 cm x 44.6 cm x 24.5 cm
Weight	5.4 kg
Server Scalability	2-way
Processor	1 x Intel® Xeon® Processor E5620 / 2.4 GHz (Quad-Core)
Processor Main Features	Hyper-Threading Technology, Intel® QuickPath Interconnect
Cache Memory	12 MB L3 Cache
Cache Per Processor	12 MB
RAM	4 GB (installed) / 96 GB (max) – DDR3 SDRAM – ECC Chipkill – 1066 MHz – PC3-10600
Storage Controller	Serial Attached SCSI (Serial Attached SCSI) – PCI Express (LSI SAS1064e)
Server Storage Bays	Hot-swap 2.5"
Hard Drive	None.
Monitor	None.
Graphics Controller	PCI – Matrox MGA G200e
Video Memory	16 MB DDR2 SDRAM
Networking	Network adapter – PCI Express – Ethernet, Fast Ethernet, Gigabit Ethernet – Ethernet Ports : 2 x Gigabit Ethernet
OS Provided	No operating system
Windows Server Certified	This server is tested, tuned and certified for Windows Server 2008 R2 with OEM-branded hardware. Purchase a Reseller Option Kit to have your server solution pre-loaded.
General	
Type	Server
Product Form Factor	Blade
Built-in Devices	Led panel
Embedded Security	Trusted Platform Module (TPM 1.2) Security Chip



CEMA AG Spezialisten
für Informationstechnologie

IBM BladeCenter HS22 7870 - Server

Product information

Shop-Navcode S8669250
Manufacturer IBM



Continued

Server Scalability	2-way
Hot-Swap Bays Qty	2
Width	2.9 cm
Depth	44.6 cm
Height	24.5 cm
Weight	5.4 kg
Colour	Stealth black
Processor	
Type	Intel® Xeon® Processor E5620 / 2.4 GHz
Number of Cores	Quad-Core
64-bit Computing	Yes
Installed Qty	1
Max Supported Qty	2
Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel® QuickPath Interconnect
Cache Memory	
Type	L3 Cache
Installed Size	12 MB
Cache Per Processor	12 MB
Mainboard	
Chipset Type	Intel® 5520
RAM	
Installed Size	4 GB / 96 GB (max)
Technology	DDR3 SDRAM – ECC Chipkill
Memory Speed	1066 MHz
Memory Specification Compliance	PC3-10600
Form Factor	DIMM 240-pin
Features	Memory Mirroring, very low profile
Configuration Features	1 x 4 GB
Storage Controller	
Type	1 x Serial Attached SCSI – integrated – PCI Express
Controller Interface Type	Serial Attached SCSI
Storage Controller Name	LSISAS1064e
Channel Qty	4



CEMA AG Spezialisten
für Informationstechnologie

IBM BladeCenter HS22 7870 - Server

Product information

Shop-Navcode S8669250
Manufacturer IBM



Continued

RAID Level	RAID 0, RAID 1
Storage	
Hard Drive	None.
Monitor	
Monitor Type	None.
Graphics Controller	
Type	PCI – integrated
Graphics Processor	Matrox MGA G200e
Video Memory	16 MB DDR2 SDRAM
Networking	
Networking	Network adapter – PCI Express – integrated
Ethernet Ports	2 x Gigabit Ethernet
Ethernet Controller(s)	Broadcom BCM5709S
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet
Remote Management Protocol	IPMI 2.0
Remote Management Controller	Maxim VSC452 Super Baseboard Management Controller with Integrated VGA Controller
Features	Wake on LAN (WoL), PXE support, Teaming support
Expansion / Connectivity	
Expansion Bays	2 (total) / 2 (free) x hot-swap – 2.5" SFF
Expansion Slot(s)	2 (total) / 1 (free) x processor – LGA1366 Socket 12 (total) / 11 (free) x memory – DIMM 240-pin
Interfaces	1 x management – RS-485
Miscellaneous	
Features	Administrator password, power-on password, selectable boot, unattended boot, unattended start mode, automatic server restart (ASR)
Compliant Standards	UL 60950, ICES-003 Class A, FCC, CSA C22.2
Operating System / Software	
OS Provided	No operating system
Windows Server Certified	This server is tested, tuned and certified for Windows Server 2008 R2 with OEM-branded hardware. Purchase a Reseller Option Kit to have your server solution pre-loaded.