

IBM 79473AG X3650 M2

Type	Server
Product Form Factor	Rack-mountable - 2U
Built-in Devices	Led panel
Embedded Security	Trusted Platform Module (TPM 1.2) Security Chip
Server Scalability	2-way
Front Accessible Bays Qty	1
Hot-Swap Bays Qty	8
Width	44.4 cm
Depth	69.8 cm
Height	8.5 cm
Weight	21 kg
Colour	Stealth black

Processor

Type	Intel Quad-Core Xeon E5506 / 2.13 GHz
Multi-Core Technology	Quad-Core
64-bit Computing	Yes
Installed Qty	1
Max Supported Qty	2
Upgradability	Upgradable
Processor Main Features	Hyper-Threading Technology, Intel Extended Memory 64 Technology, Intel QuickPath Interconnect

Cache Memory

Type	L2 Cache
Installed Size	4 MB
Cache Per Processor	4 MB
Mainboard	

Chipset Type	Intel X58 Express
Data Bus Speed	800 MHz

RAM

Installed Size	2 GB / 128 GB (max)
Technology	DDR3 SDRAM - ECC Chipkill

Memory Speed	1333 MHz
Memory Compliance	PC3-10600
Form Factor	DIMM 240-pin
Features	Registered, low-profile, Memory Mirroring
Configuration Features	2 x 1 GB
Storage Controller	
Type	1 x Serial Attached SCSI - plug-in card
Controller Interface Type	Serial ATA-300 / SAS
Storage Controller Name	LSISAS1068
RAID Level	RAID 0, RAID 1, RAID 1E
Storage Controller (2nd)	
Type	1 x Serial ATA - integrated
Storage	
Hard Drive	None.
Optical Storage	
Type	CD-RW / DVD-ROM combo - Serial ATA
Monitor	
Monitor Type	None.
Graphics Controller	
Type	PCI - integrated
Graphics Processor / Vendor	Matrox MGA G200e
Video Memory	DDR2 SDRAM
Installed Size	128 MB
Networking	
Networking	Network adapter - PCI Express - integrated
Ethernet Controller(s)	2 x 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
Expansion / Connectivity	

Expansion Bays Total (Free)	1 (0) x front accessible - 5.25" x 1/6H (Slim Line)
Expansion Slots Total (Free)	2 (1) x processor - LGA1366 Socket 16 (14) x memory - DIMM 240-pin 2 (2) x PCI Express x8 - full-length, full-height 1 (1) x PCI Express x8 - low-profile 1 (1) x PCI Express x8 - half-length, full-height
Interfaces	4 x Hi-Speed USB - 4 PIN USB Type A (2 in front) 1 x serial - RS-232 - 9 pin D-Sub (DB-9) 2 x display / video - VGA - 15 pin HD D-Sub (HD-15) (1 in front) 2 x network - Ethernet 10Base-T/100Base-TX/1000Base-T - RJ-45
Miscellaneous Features	Administrator password, power-on password, selectable boot, unattended boot, thermal monitoring, voltage monitoring, fan speed monitoring, predictive failure analysis (PFA), automatic server restart (ASR)
Compliant Standards	CE, FCC Class A certified, TUV GS, ISO 9241-3, CISPR 22 Class A, EN 60950, IEC950, ZH1 618, EN55024, EN55022 Class A, CB, FCC Part 15
Power Device Type	Power supply - hot-plug
Power Redundancy	Optional
Power Redundancy Scheme	1+1 (with optional power supply)
Installed Qty	1
Max Supported Qty	2
Voltage Required	AC 120/230 V (50/60 Hz)
Power Provided	675 Watt
Manufacturer Warranty Service & Support	3 years warranty



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Service & Support Details

Limited warranty - parts and labour - 3 years - on-site - response time: next business day

Environmental Parameters

Min Operating Temperature	10 °C
Max Operating Temperature	35 °C
Humidity Range Operating	8 - 80%
Sound Emission	63 dB
