



Part No.	Description	Qty	ESP ((per unit)) Euro	ESP ntity x unit price) Euro
BladeCenter	BladeCenter E 2320W			
86774SG	IBM eServer BladeCenter(tm) Chassis with 2x2320W PSU	1	€ 4 100,00	€ 4 100,00
46M0508	IBM BladeCenter E 2,320W AC Power Supply Option	2	€ 856,00	€ 1 712,00
32R1860	BNT Layer 2/3 Copper Gb Ethernet Switch Module for IBM BladeCenter	4	€ 1 870,00	€ 7 480,00
Misc	Blade HS21 XM			
7995G6G	HS21 XM, Xeon Quad-Core E5450 80w 3.0GHz/1333MHz/12MB L2, 2x512MB, O/Bay SAS	2	€ 2 810,00	€ 5 620,00
43W3996	Intel Xeon QC Processor Model E5450 80W 3.0GHz/1333MHz/12MB L2	2	€ 1 390,00	€ 2 780,00
46C7420	8 GB (2x4GB kit) Quad Rank PC2-5300 CL5 ECC Low Power	8	€ 416,00	€ 3 328,00
32R1923	QLogic(TM) iSCSI Expansion Card (StFF) for IBM BladeCenter(R)	2	€ 631,00	€ 1 262,00
Misc	VMware Accelleration Kit			
4817V86	VMware Infra Std HA Acceleration Kit for 4 Sockets License Only	1	€ 4 680,00	€ 4 680,00
4817T86	Subscription Only VMware Infra Std HA Accel Kit - 4 Sockets - 3 Year	1	€ 1 970,00	€ 1 970,00
Misc	Supporto RTS			
46D3516	3 Year 8x5 Enhanced Software Support for VMware (VIN ++) - 1 x 1 or 2 socket server	2	€ 2 560,00	€5 120,00
			Total	€ 38 052,00

IBM BladeCenter™ E

Part Number & Model Type	8677-3RG		
See Blades for the following specifications	Processor, Number of Processors, Cache, Memory, Hard Disk Drive, Hard Disk Drive Controller, Slots, Operating System Supported.		
Blade Bays	14 Front Loading Bays		
Connectivity Bays	2 Integrated Ethernet Connectivity Bays 2 Adapter Card Connectivity Bays 2 Management Module Bays		
Media Device	DVD	Form Factor	7U BladeCenter Chassis
Diskette Drive	1.44MB diskette drive	Power Supply	2 x 2000w hot swap redundant modules. 2 Standard, 4 maximum
Network Interface	Optional Ethernet switch modules or Pass thru module	Cooling System	2 hot-swap high-efficiency blowers
Ports	1 Front Mounted USB 1.1 port; USB Keyboard and Mouse, Video and Ethernet on Advanced Management Module	Dimensions (H x D x W)	304mm x 711mm x 444mm
Hard Disk Drive Controller	N/A	Acoustics	7.4 Bels idle / 6.9 Bels AAM *
Keyboard/Pointing Device	No Keyboard or Mouse shipped with system unit.	Weight	TBC
Software and Tools	IBM Director and Serverguide standard	Support	IBM HelpCenter Optional 24x7x4 upgrade
Security Features	Ability to power on/off blades locally can be disabled. Access to local KVM can be disabled.	Warranty	Three years on site limited warranty
Operating Systems	N/A		
Systems Management	Integrated management module for Centralised Chassis Management. Web browser interface or manage with IBM Director		

IBM BladeCenter™ HS21 XM

Processor	Dual-Core Intel® Xeon™ Processor 5100 Series				
	Quad-Core Intel® Xeon™ Processor 5200 Series				
	Quad-Core Intel® Xeon™ Processor 5300 Series				
	Quad-Core Intel® Xeon™ Processor 5400 Series				
	L2 Cache	4MB / 8MB / 12MB (Model Dependent)			
	SMP	Dual Socket with Dual-Core and Quad Core models			
	Chip Set	Intel 500p			
	Memory	PC2-5300 CL5 ECC DDR2 Chipkill FBDIMM 667MHz 64GB Maximum			
	Graphics	ATI RN50 16MB Video			
	Disk Bays	Type	Quantity		Maximum Capacity
Modular Flash Drive		1	8 GB		
Fixed 2.5" SAS		1	146GB		
Fixed 2.5" SSD		2*	326GB		
Media Device	N/A				
Diskette Drive	N/A			Form Factor	Single wide Blade
Slots (total / available)	One CFFH and One CFFV expansion connection per blade server (2/21).			Power Supply	N/A
	2 additional slots available via optional Storage and IO expansion unit (SIO).			Cooling System	Calibrated Vecteded Cooling via chassis
Network Interface	Dual Integrated 10/100/1000 Mb with TOE			Dimensions (H x D x W)	245mm x 435mm x 29mm
	Broadcom BCM5708S				
Ports	N/A			Weight	5.4 Kg
hard disk drive Controller	Integrated LSI 1064E SAS			Acoustics	N/A
Keyboard/Pointing Device	No Keyboard or mouse shipped with system unit			Security Features	Theft deterrence and system tampering detection. Asset control and monitoring
Software and Tools	IBM Director and ServerGuide standard.				
Operating Systems	ibm.com/servers/eserver/serverproven/compat/us/nos/ematrix.shtml			Support	IBM HelpCenter, Optional 24x7x4 upgrade
	IBM Director is included with BladeCenter. Additional licences for IBM Director client and server for non-IBM hardware are made available for charge.				
Systems Management				Warranty	Three-year on-site limited warranty