

Big power comes in small packages



Escala EL260, EL460 and BL460

The Bull Blade Series helps enterprises manage data center sprawl and extend IT resources through improved operating efficiency, deployment flexibility, and simplified management. The Bull blade servers use advanced technologies to reduce energy consumption and double the performance/watt ratio. Bull Blade Infrastructure makes adding capacity simple, affordable and cost effective. The Escala blade servers, based on PowerVM technology features deliver an effective scale-out architecture that enables quick response to changing business conditions.

- Cost efficient blade solution for AIX™ application server projects
- Four way or Two way SMP per blade
- Integrated Virtualization capabilities (PowerVM)
- Designed for IT Aggregations in mid-tier environment.

High Performance

For success in demanding IT environments, organizations require innovative servers delivering high performance and value.

Escala EL460, EL260 and BL460 combine support of AIX5™ and AIX6™ and PowerVM Virtualization into single, highly reliable, high-performance blade server.

Global protection

Since today's datacenter environment is tougher than ever, clients are looking to reduce IT costs, complexity, space requirements, power consumption and heat output, while increasing flexibility, utilization and manageability.

Customer benefits

Escala blade server options deliver for cost-conscious clients. With flexibility to grow, they are the perfect choice to succeed in today's demanding business environments.

Escala blade servers are designed for large IT pools in mid-tier environments, targeting a wide of range of uses such as application servers, orchestration workflow, content management, integration broker, etc.

PRODUCT SPECIFICATIONS

Technical specifications – EL 260, EL 460 and BL 460

	Escala EL260	Escala EL460	Escala BL460
Form factor	One slot blade server for Bull Blade Chassis - Enterprise (9U), or Bull Blade Chassis – Standard (7U)	One slot blade server for Bull Blade Chassis - Enterprise (9U)	One slot blade server for Bull Blade Chassis - Enterprise (9U)
Processors	1 64-bit POWER6 dual-core processor	2 64-bit POWER6 dual-core processors	2 64-bit POWER6+ dual-core processors
No. of processors	1-socket dual-core (3.8 GHz)	2-socket dual-core (4 GHz)	2-socket dual-core (4.2 GHz)
Level 2 (L2) cache	4MB per core	4MB per core	16MB (8MB per dual-core chip)
Level 3 (L3) cache	N/A	N/A	64MB (32MB per dual-core chip)
Memory (std/max)	4GB; up to 64GB maximum per blade; DDR2-667 DIMMs only, with capacity of 2GB and 4GB, DDR2-533 DIMMs only, with capacity of 8GB; 8 DIMM slots	4GB; up to 32GB maximum per blade; DDR2-667 DIMMs only, with capacity of 2GB and 4GB, DDR2-533 DIMMs only, with capacity of 8GB; 4 DIMM slots	4GB; up to 64GB maximum per blade; DDR2-667 DIMMs with capacity of 2GB and 4GB, DDR2-400 DIMMs with capacity of 8GB; 8 DIMM slots
Internal disk storage	0-2 2.5" Serial Attached SCSI (SAS) 10K RPM 73GB, 146GB or 300GB non-hot-swap hard drive per blade, Maximum 600GB	0-1 2.5" Serial Attached SCSI (SAS) 10K RPM 73GB, 146GB or 300GB non-hot-swap hard drive per blade, Maximum 300GB	0-1 2.5" Serial Attached SCSI (SAS) 10K RPM 73GB, 146GB or 300GB non-hot-swap hard drive per blade, Maximum 300GB
RAID support	Yes: Integrated RAID-0 or -1 standard on blade server with support for disk mirroring	No	No
Networking	Integrated PCI-Express controller with dual 1GB Ethernet, optional dual 1GB Ethernet mezzanine card	Integrated PCI-Express controller with dual 1GB Ethernet, optional dual 1GB Ethernet mezzanine card	Integrated PCI-E controller with dual 1GB Ethernet, optional dual 1GB Ethernet mezzanine card
I/O upgrade	Integrated PCI-Express connector for high-speed mezzanine cards, Integrated connector for legacy mezzanine cards	Integrated PCI-Express connector for high-speed mezzanine cards, Integrated connector for legacy mezzanine cards	Integrated PCI-E connector for high-speed mezzanine cards, Integrated connector for PCI-E CIO-v mezzanine cards
Optional connectivity	4Gb Fibre Channel, 1 Gigabit Ethernet	4Gb Fibre Channel, 1 Gigabit Ethernet	4Gb or 8Gb Fibre Channel, 1 Gigabit Ethernet
PowerVM (optional)	Virtual LAN, Micro-Partitioning, Shared processor pool, Virtual I/O Server, Integrated Virtualization Manager, Live Partition Mobility, POWERVM Standard Edition, POWERVM Enterprise Edition	Virtual LAN, Micro-Partitioning, Shared processor pool, Virtual I/O Server, Integrated Virtualization Manager, Live Partition Mobility, POWERVM Standard Edition, POWERVM Enterprise Edition	Virtual LAN, Micro-Partitioning, Shared processor pool, Virtual I/O Server, Integrated Virtualization Manager, Live Partition Mobility, POWERVM Standard Edition, POWERVM Enterprise Edition
Systems management	Integrated systems management processor, light path diagnostics, Predictive Failure Analysis, Serial Over LAN, IPMI-compliant	Integrated systems management processor, light path diagnostics, Predictive Failure Analysis, Serial Over LAN, IPMI-compliant	Integrated systems management processor, light path diagnostics, Predictive Failure Analysis, Serial Over LAN, IPMI-compliant
Operating systems	AIX 5L V5.3 or AIX 6.1	AIX 5L V5.3 or AIX 6.1	AIX 5L V5.3 or AIX 6.1
rPerfs	14.71	30.26	36.28
High availability	Bull ARF v5,V6,V7 and PowerHA v5.4, 5.5	Bull ARF v5,v6,v7 and PowerHA v5.4, 5.5	Bull ARF v5 and PowerHA v5.4, 5.5
Perf management	Bull Performance Report	Bull Performance Report	Bull Performance Report
Management	Bull System Manager (BSM)	Bull System Manager (BSM)	Bull System Manager (BSM)
System dimensions	Blade (1 slot): 245.2 mm H x 29 mm W x 445.8 mm D; Weight: 4.35 kg	Blade (1 slot): 245.2 mm H x 29 mm W x 445.8 mm D; Weight: 4.35 kg	Blade (1 slot): 245.2 mm H x 29 mm W x 445.8 mm D; Weight: 4.35 kg

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