



## HiPerBlade™ Enclosure

### Space Optimization

Housed within a 19" industry-standard rack, HiPerBlade™ servers reduce server footprint in the data center. Power, cooling and networking devices are aggregated in the rear of the chassis which optimizes the required amount of space.

Up to ten blade servers can be installed in a 7U chassis. Compared to the 10U of rack space that ten 1U servers would normally require as individual servers, the HiPerBlade provides about 50% density savings with 60 servers and 24 switches in a 42U rack..

### Cable Reduction

The HiPerBlade™ server chassis enclosure greatly simplifies the cabling process by aggregating cabling of ten servers at once. Up to 90% of network, power, and KVM cabling required for ten 1U servers are reduced by moving to blade servers in a single chassis. These cabling reductions continue across networking, SAN connectivity, and management controllers.

Reducing the number of cables speeds up the deployment of servers and helps reduce troubleshooting issues by presenting fewer physical connections to the servers



### Enclosure

Server Blade	➤ Up to 10 hot-plug server blades (14 blade model coming soon)
Module Support	➤ Supports both Intel and AMD based blades
LED	➤ Power LED, Fault LED
Infiniband Switch	➤ Up to two hot-plug 4x DDR IB switches with built-in management module
Gigabit Ethernet Switch	➤ Up to two hot-plug gigabit Ethernet switches
Management Module	➤ Up to two hot-plug management modules providing remote KVM and IPMI 2.0 functionalities
Power Supply	➤ Up to four hot-swap 1400W / 2000W power supplies, N+1 redundant
Cooling Design	➤ 16 cooling fans
Dimensions (HxWxD)	➤ 12.1" x 18.5" x 29"
Available Models	<ul style="list-style-type: none"> <li>➤ SBE-710E-R60 - Enclosure chassis with four 2000W power supplies</li> <li>➤ SBE-710E-D40 - Enclosure chassis with two 2000W power supplies</li> <li>➤ SBE-710E-R42 - Enclosure chassis with four 1400W power supplies</li> <li>➤ SBE-710E-D28 - Enclosure chassis with two 1400W power supplies</li> </ul>

## HPC Systems, Inc.

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