



BladeFrame[®]

Processing Blade™ Specifications

The BladeFrame consolidates up to 192 server-class processors running Linux[®], Microsoft[®] Windows[®] or Sun[®] Solaris™—creating the industry's first open, non-proprietary computing platform purpose-built for mission-critical applications. The system consists of a chassis containing up to 24 processing resources (Egenera Processing Blade), redundant central controllers (Egenera Control Blade™ EX), redundant integrated switches (Egenera Switch Blade™ EX), redundant high-speed interconnects (Egenera BladePlane™ EX) and Egenera PAN Manager™ software.

Processing Blade (pBlade™) Architecture

Number of pBlades	Up to 24 per BladeFrame
Height	2.1 in. / 5.3 cm.
Processor/memory	<p>Four-processor</p> <hr/> <p>Dual-Core AMD Opteron™ processor Model 8220SE 2.80 GHz, 16 or 32 GB DDR-2 memory</p> <hr/> <p>Dual-Core AMD Opteron processor Model 8216 2.40 GHz, 8 or 16 or 32 GB DDR-2 memory</p> <hr/> <p>Dual-Core Intel Xeon™ processor 2.66 GHz, 2x2MB L2 cache, 32 GB ECC DDR-2 Chipkill memory</p> <hr/> <p>Intel Xeon processor MP 3.66 GHz with Intel EM64T, 1M L2 cache, 8 GB ECC DDR-2 Chipkill memory</p> <hr/> <p>Two-processor</p> <hr/> <p>Dual-Core AMD Opteron processor Model 2220SE 2.80 GHz, 16 GB DDR-2 memory</p> <hr/> <p>Dual-Core AMD Opteron processor Model 2216 2.40 GHz, 4 GB DDR-2 memory</p> <hr/> <p>Intel Xeon processor Model 5140 2.33 GHz, 4 GB memory</p> <hr/> <p>Intel Xeon processor Model 5160 3 GHz, 4 or 8 or 16 GB memory</p>
Power supply	Independent of other blades
Cooling mechanism	Self-contained front to back
Customer replaceable	Yes
Hot-pluggable	Yes



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