

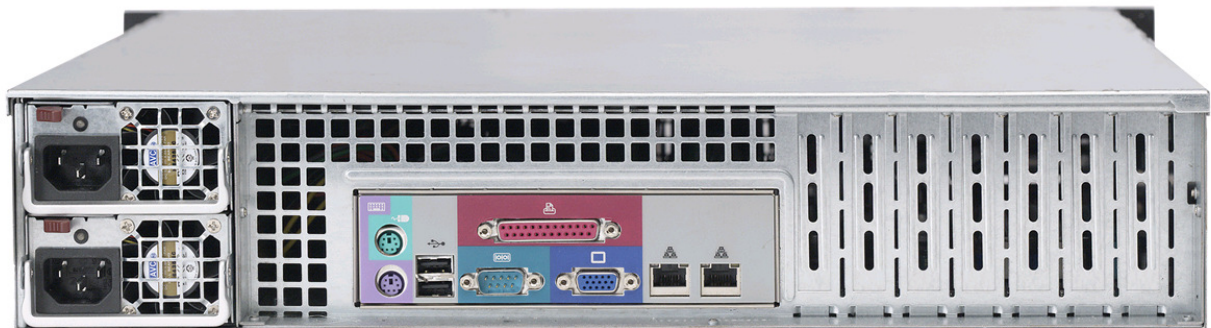
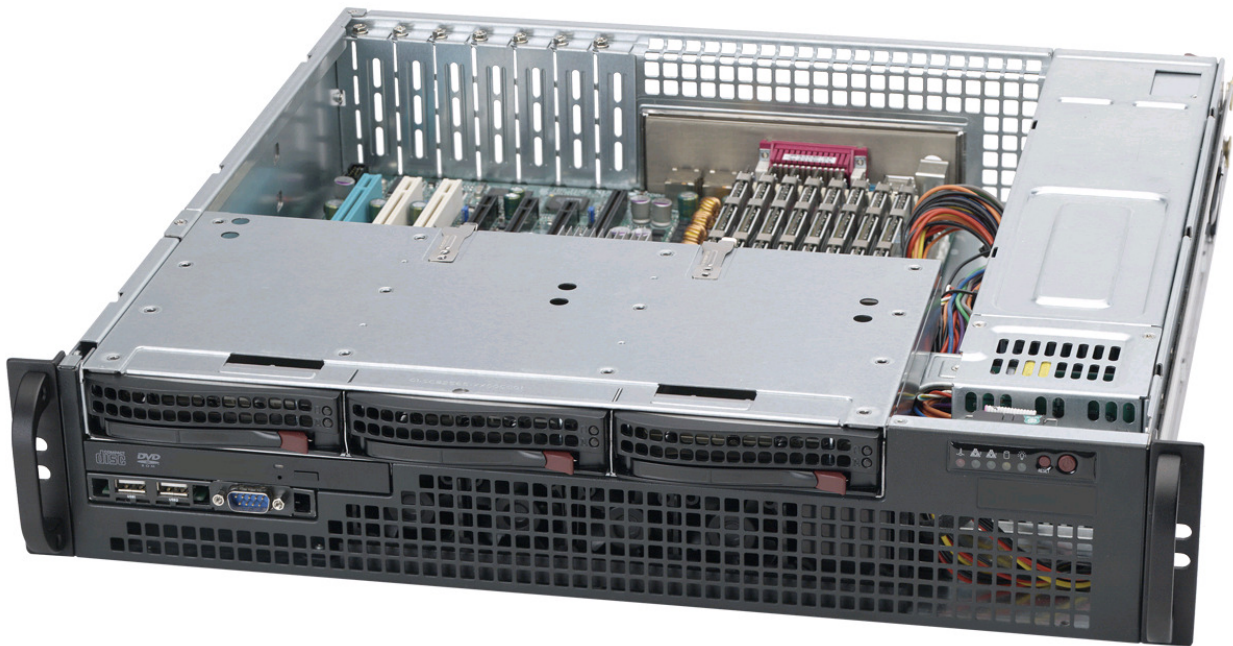
LF1011 High-End 2U Multi-Core Rackmount system

The LF1011 is a high-end server chassis capable of sustaining multiple gigabits of ethernet traffic and a large number of VOIP and other high-intensity processes. With one quad-core processor it can handle thousands of concurrent connections, and it's 3GB+ of RAM allows thousands of processes and large buffers for WAN latency emulation. To take advantage of the hardware, a 64-bit Fedora Linux distribution is installed.

The specific feature set and capacity is constrained by the software licenses purchased. The hardware can support 100+ concurrent VOIP calls, 4 Gbps of UDP traffic tx + rx between two 10G ports, or several 1G ports running at near line speed.

For additional capacity, multiple LF1011 units can be clustered together.

The LF1011 2U rackmount chassis fits into a standard rack and is about 18 inches deep. It supports standard VGA, Keyboard, and Mouse interfaces for easy console/desktop access to the system. The rackmount chassis is relatively noisy, so it is better for a data center deployment than a desktop environment. Other form factors better suited for traveling or desktop use are also available at similar prices and slightly less performance.



NOTE: This product may have a different hardware configuration than the system pictured above.
Refer to your official quote for details.

Hardware Specification

- High-End Intel Multi-Core 2U rackmount server.
- Operating System: Fedora Linux with customized Linux kernel.
- Up to 16 10/100/1000 ethernet ports on PCIe bus, 2 32-bit PCI slots for legacy hardware. Additional interface for management.
- High-availability Ethernet hardware bypass option available.
- Quad-Core Intel processor.
- 4 PCIe 1/2 height slots, 2 32-bit pci (legacy) slots.
- Optional NICs include: 4-port 10/100/1000 copper, 2-port 10/100/1000 copper, 2-port 1Gbps fibre, 2-port 10Gbps fibre, 2-port 10Gbps copper (CX4).
- 3 GB or more RAM.
- 200 GB or larger Hard Drive.
- Solid State Drive option available.
- Slim CDROM drive.
- Redundant 700W US or European power supply (automatically detects EU v/s US power).
- Weight: 45 lbs or 20.4 kg.
- Dimensions: 17 x 18 x 3 inches (18-inch deep standard 2U rackmount server) Metric: 432 x 457 x 76 mm.
- Estimated Power Usage: 2.1Amps @ 120VAC under load, 1.4Amps idle.
- ROHS compliant.

Feature Upgrades

Unless otherwise noted, these features usually cost extra:

- WanPaths (LANforge-ICE feature set)
- Virtual Interfaces: MAC-VLANs, 802.1Q VLANs, WiFi stations, etc
- FIRE Connections: Base FIRE license includes 1000 active connections.
- LANforge-ICE Network Emulation.
- VOIP: Each concurrent call requires a license.
- Armageddon: Each part of ports requires a license.