

## BLADE SERVER SYSTEM



### PHYSICAL

- Form factor: Rack/12U (7U for AC), Width: 17.5" (444.5 mm) / Depth: 28" (711.2 mm)
- High-availability midplane supporting up to 12 blade server bays
- Weight:
  - 350.5 lbs (159kg) fully populated (DC)
  - 240.3 lbs (109kg) fully populated (AC)
- Operating Temperatures:
  - 41° to 113°F (5° to 40° C) (DC)
  - 50° to 89.6°F (10° to 32° C) (AC)
- Operating Humidity: 8% to 80% non-condensing
- Operating altitude: up to 7,000ft
- High-availability midplane helps enable maximum uptime and enhances investment protection for future technologies
- Hot-swappable midplane active components help provide maximum reliability for deployment into a telecommunications central office
- Cooling modules: 4 hot-swap and redundant chassis fan modules standard, additional triple fan packs on each power module

### POWER

- Up to 4 hot-swap and redundant DC or AC with load-balancing and failover capabilities
- -48V to -60V DC or 200-240V AC

### PROCESSOR

- High-performance quad-core Intel Xeon running Linux® operating system

### PERFORMANCE AND CAPACITY

- Predictive Failure Analysis: Hard disk drives, processors, fans, memory
- ~200k subscribers per blade chassis (~100k subs 1st chassis)
- 2M subs per regional service delivery center, 100+M subs total

### INTERFACES

- N+1 redundant blades
- Optional N+1 geo-redundant service delivery centers
- Up to 12 2-socket, and up to 6 4-socket Blade Bays
- One media tray standard, 2 external USB connections, redundant media tray optional, optional 1 GB or 4 GB compact flash
- Up to four traditional hot-swap and redundant switch modules supporting Gigabit Ethernet and Fibre Channel
- Up to four new high-speed capable switch module bays supported by 10 Gbps fabric
- I/O ports: USB-based keyboard, DB15 Analog Video, mouse (KVM), Ethernet

### COMPLIANCE

- UL Certified
- NEBS Level 3/ETSI

