HPF-9500 ● High-Power 20-Slot openGear® Frame

The **HPF-9500** is a 2RU high-density openGear® modular frame offering 360 Watts of net (user) available power in a high-capacity 20-slot format. It uses the same form factor and DashBoard™ remote control as our other 20-slot frames and supports all openGear compatible cards and rear I/O modules. The HPF-9500 is perfectly suited for high-density utilization. High power-density power supplies (single standard, redundant second - optional) and engineered cooling/ventilation design allow 10 high-power cards in a frame (10 x 36 W = 360 W), or 20 medium-power cards in a frame (20 x 18 W = 360W). Separate forced-air cooling paths are provided for the card area and the power supply areas. An intelligent fan controller adjusts fan speed with changes in power supply loading and temperature.

The new HPF-9500 with HPF-GE-FC option is a 2RU / 20 slot frame which offers Gigabit Ethernet option per slot !

The **HPF-9500** uses the same rear I/O modules as our current 20-slot frames, allowing a seamless transition from a current 20-slot frame to the HPF-9500. This frame offers Gigabit Ethernet connection to all card slots with the optional **HPF-GE-FC**. The rear modules offer a broad selection for a flexible and wide array of interfaces such as BNC, HD-BNC, twisted-pair audio, and fiber optic. Special high-density/high-ventilation rear I/O modules offer even greater packaging density when used with compatible Cobalt® cards. The **HPF-9500** can accommodate two front-loaded **PS-9000** power supply modules. Adding a second (optional) supply gives the frame full power redundancy. The PS-9000 power supply unit is interchangeable as a primary or redundant power supply module, with supplies in either position being hot-swappable. Each power supply contains an independent cooling fan, status LED, and a front-mounted power switch. ● The **HPF-9500-FC** Network Controller Card is furnished as standard equipment on the HPF-9500 frame. ● An optional advanced network card, the **HPF-GE-FC** provides Gigabit Ethernet switching backplane to all slots of the HPF-9500 frame. Both types of network cards allow connectivity to any number of connections for full multi-point control and monitoring via free DashBoard™ software. Optional SNMP support, for large scale monitoring implementation, is also available.

FEATURES

High-power with 360 Watts available (net)	Power switch/supplies accessible from the front of the frame	Optional Frame Support Bracket kit provides frame rear support for mobile applications
Full openGear® compatibility supporting openGear - compatible cards as well as the latest and legacy 20-slot frame openGear rear modules	Separate power cords to each power supply for power redundancy	Remote control/monitoring via Ethernet using free DashBoard™ software, or optional OGCP-9000 remote control panel
Two independent looping references internally routed to all user card slots	Network Controller Card enables multiple copies of DashBoard™ for seamless remote setup, monitoring, and control. SNMP option can further be added.	**Five-year warranty**
Power supply is hot-swappable for 24/7 operation	Fan status and error indicator LEDs on front of the frame	
Front LCD display and FrameGlow customizable multi-color, flexible-function lightbar. Wide high-visibility design provides "across-the-room" visibility of any customizable status or frame ID functions.	Hinged, pull-away front door panel lowers to allow quick, easy card insertion	

ORDERING INFORMATION

HPF-9500-N High-Power 20-Slot openGear® Frame - 2RU with fans, cover plates for unused slots. Includes one PS-9000 Power Supply Module and HPF-9500-FC Network Controller Card. (Network Controller Card allows multiple connection network control through DashBoard™ software or Cobalt OGCP-9000 Remote Control Panel.)

HPF-9500-NS High-Power 20-Slot openGear® Frame - 2RU with fans, cover plates for unused slots. Includes one PS-9000 Power Supply Module and HPF-9500-FC Network Controller Card **with SNMP**. (Network Controller Card allows multiple connection network control through DashBoard™ software or Cobalt OGCP-9000 Remote Control Panel.)

Option **HPF-GE-FC** Advanced Network Controller Card provides Gigabit switch connections to all frame slots
Option **Gigabit Ethernet Backplane**
Option **PS-9000** Extra (redundant) HPF-9000 frame power supply
Option **9000-FSB** Frame support bracket kit (supports rear of frame to rear frame rails)

Note: Maximum cooling performance is obtained when a 1RU space is provided above the frame. Optional high-ventilation rear modules are available to increase airflow where above-frame cooling space is compromised. Please contact Cobalt Sales for more information regarding frame build-out where ventilation is less than optimal.

SPECIFICATIONS

AC Line Input
(per each of 2 (max) AC IEC inputs) 100-240 VAC, 48-63 Hz
500 Watts maximum

Available User Card Slots
20 maximum

Available User (Net) Power
360 Watts continuous-operation maximum

Frame Communication
100/1000 Mbps Ethernet with Auto-MDIX
+Option for Gigibit Ethernet per slot

Reference Video Input
Two non-terminating (looping) Frame Reference Inputs

Dimensions (WxHxD)
19" x 3.5" x 17" (48cm x 9 cm x 43 cm)
(Dimensions include any component projections such as mounting tabs, etc.)

Weight (with single standard power supply PS-9000)
13.9 lbs. (63 kg)

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