oGx • 20-Slot openGear® Frame

The **oGx** is a 2RU high-density openGear® modular frame offering 600 Watts of total 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, but offers significantly more available user power. The oGx is designed to meet the demands of today's most complex IP and hybrid infrastructures, supporting evolving IP and UHD applications.

A new high-power mode allows 23 Watts per slot at full 20-card capacity (460 W user net max). An intelligent fan controller adjusts fan speed with changes in power supply loading and temperature. The single (standard) 600 Watt power supply can fully power a loaded frame, and the addition of a second (optional) supply gives the frame full power redundancy. oGx accommodates 2 front-loaded, hot-swappable power supplies. The split outside location of the power supplies makes installation easy. Each power supply contains an independent cooling fan, status LED, and a front mounted power switch.

In addition to an integrated LCD display that provides frame name, IP address and reports any alarms, the FrameGlow highly-visible programmable RGB LED bar provides "across-the-room" visibilty of any customizable status or frame ID functions, allowing personnel to see frame status/info literally anywhere in the room.

The openGear® 3.0 frame offers optional gigabit Ethernet to every slot within the frame chassis, enhancing communication speed, and connection options to all openGear® cards. The openGear® 3.0 frame provides more communication options and flexibility to openGear® card manufacturers. The 21-port Ethernet switch, built in to the frame's network control card, virtually future-proofs the openGear® 3.0 platform. (Gigabit Ethernet is only available with the Advanced Network Control option.) SNMP (optionally available) is loaded direct to the frame eliminating the need for any external gateways and runs on a separate software port allowing for simultaneous control from both DashBoard and SNMP clients. This is useful in applications where system wide monitoring is performed using SNMP and real-time control is performed using DashBoard.

The oGx 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 oGx. These rear modules offer a broad selection for a flexible and wide array of interfaces such as coaxial, twisted-pair audio, GPIO, comm, and fiber. Special high-density/high-ventilation rear I/O modules offer even greater packaging density when used with compatible Cobalt® cards.

FEATURES

600 Watt power supply with redundancy option. New high-power mode allows 23 W per slot at full 20-card capacity (460 W user net max).

Full openGear® 3.0 compatibility supporting openGear-compatible cards as well as latest and legacy 20-slot frame openGear rear modules

Gigabit Ethernet to every slot within the frame (available on frames with Advanced Networking)

Optional DataSafe network-card stored backup and restore allows swapping of hosted cards with all settings automatically uploaded to the new card - no hassles trying to remember card settings. Settings are restored only when a DataSafe detects same-model card as replacement. (Available with the advanced networking control option.)

Power supply is hot-swappable for 24/7 operation

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.

Two independent looping references internally routed to all user card slots

Separate power cords to each power supply for power redundancy

Network Controller Card enables multiple copies of DashBoard™ for seamless remote setup, monitoring, and control. SNMP option can further be added.

Fan status and error indicator LEDs on front of the frame

Hinged, pull-away front door panel lowers to allow quick, easy card insertion

Remote control/monitoring via Ethernet using free DashBoard™ software, or optional OGCP-9000 remote control panel

Five year warranty

ORDERING INFORMATION

OGX-FR-C-P openGear® Frame with Cooling

OGX-FR-CN-P openGear® Frame with Cooling and Advanced Networking

OGX-FR-CNS-P openGear® Frame with Cooling, Advanced Networking, and SNMP

PS-OGX Redundant Power Supply