# COBALT

## BBG-1300-FR • 1RU Enclosure for openGear® Cards

The Cobalt® **BBG-1300-FR** is a 1/3 rack-width 1RU openGear® compatible enclosure frame capable of housing up to 2 cards* as a basic standalone desktop unit, or up to 3 units racked together side by side as a 1RU group for rack mounting. The **BBG-1300-FR** has to be used with an odd slot rear I/O module. The **BBG-1300-FR** allows openGear® cards to be supported where a full-size 2RU 20-slot openGear® frame is not feasible or required. Just like a full frame, the **BBG-1300-FR** built-in network interface allows DashBoard™ control/monitoring of any openGear® capable card. Looping reference on the **BBG-1300-FR** unit itself provides card reference support without using reference connections that consume card rear module connector count.

Most cards within the Cobalt product lineup can be housed in the **BBG-1300-FR**, with a total available power of 60 W. Up to three **BBG-1300-FR** units can fit onto a single 1RU tray for maximum density where a 2RU frame is not feasible.

A front control panel makes status monitoring and network setup connectivity simple with an LCD display screen. The front rotary knob makes navigation simple and easy to use. SNMP control is available.

\* 2-card usage requires the use of 2-card split rear I/O module. Split rear I/O modules are not available for all card models.

### FEATURES

Provides openGear® card support in a compact package where a full-size 2RU 20-slot openGear® frame is not feasible or required

High power for the latest 4K and IP card solutions

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

Looping reference internally routed to all user card slots

Dual power supplies for power redundancy

Network Controller function enables multiple copies of DashBoard™ for seamless remote setup, monitoring, and control. Network Controller "smart" functionality provides Gigabit Ethernet to both user card slots.

Front display with rotary knob and buttons for simple and quick control

Pull-away front door panel allows quick, easy card insertion

Optional Frame Support Bracket kit provides frame rear support for mobile applications

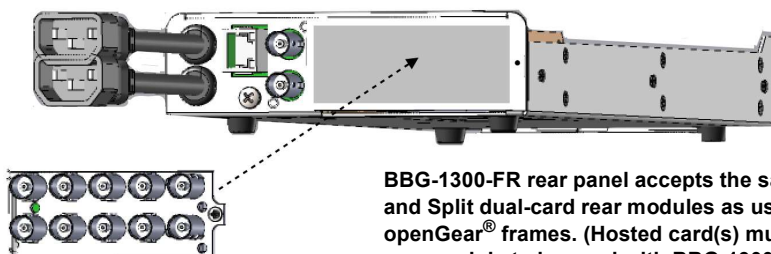Remote control/monitoring via DashBoard™ or SNMP

**Five year warranty**

### OPTIONS

**BBG-1300-TRAY** 1-RU Mounting Tray (supports 3 units)

**BBG-TRAY-RSB** Support Bracket/Rail Kits (see Ordering Info for details)



**Front bezel opens to access card slots. Where Split Rear I/O Module can be used, up to 2 openGear® cards can be installed.**



**BBG-1300-FR rear panel accepts the same Standard-Width single-card and Split dual-card rear modules as used with conventional 20-slot openGear® frames. (Hosted card(s) must offer Standard-Width or Split rear module to be used with BBG-1300-FR.) BBG-1300-FR has to be used with an odd slot rear I/O module.**

## SPECIFICATIONS

**Note:** All specifications are preliminary and subject to change.

**AC Line Input**
(2) AC IEC inputs. 100-240 VAC, 50/60 Hz, 50 W typical (140 W max)
**Note:** AC power is largely dependent on whether 2 cards are fitted, as well as the power consumption of the hosted card(s).

**Available User Card Slots**
Two (2) maximum
**Note:** 2-card loading only possible with compatible Split rear module. Some card models are not available with Split rear modules. See card page for availability.

**Available User (Net) Power**
60 W (sufficient for latest-generation high-power cards such as 9992 or 9904). Built-in fan cooling for card area and power supplies.

**Frame Communication**
100/1000 Mbps Ethernet with Auto-MDIX

**Frame Reference Input**
Single looping 2-BNC connection. SMPTE 170M/318M "Black Burst", SMPTE 274M/296M "Tri-Level".

**Dimensions (WxHxD)**
5.7 x 1.4 x 14.7 in (14.5 x 3.6 x 37.4 cm)

**Weight**
6 lb (2.7 kg)
**Note:** Empty weight; does not include card(s) or rear module.

## ORDERING INFORMATION

**BBG-1300-FR**  1RU Enclosure Frame with redundant power and network controller included.

**Options and Accessories**:

**BBG-1300-TRAY**  1RU Mounting Tray (supports 3 units)

**BBG-TRAY-RSB-L**  24-30 Long-Length (24-30 in (61-76 cm)) Support Bracket & Rail Kit For BBG-1300-TRAY

**BBG-TRAY-RSB-M**  20-24 Medium-Length (20-24 in (51-61 cm)) Support Bracket & Rail Kit For BBG-1300-TRAY

**BBG-TRAY-RSB-S**  18-20 Short-Length (18-20 in (46-51 cm)) Support Bracket & Rail Kit For BBG-1300-TRAY