OG-X-FR

openGear is an open-architecture, modular frame system designed by Ross Video and supported by a diverse range of terminal equipment manufacturers, including AJA.

$3,625 US MSRP

The AJA OG-X-FR is a 2RU high openGear frame which is compatible with any openGear card and offers Dashboard support for the latest AJA Dashboard compatible openGear cards. The frame has a 20-slot capacity with excellent cooling capabilities for high-density applications and compatibility with advanced openGear connectivity options for supported cards.

https://www.aja.com/index.php/products/og-x-fr

Frame Controller and Fans

- Total Power: 50W maximum
  - Max. Power: +12V Rail 4A, 48W
  - Max. Power: -7.5V Rail 0.2A (1.5W)

GFC-8322

- Total Power: 3.9W maximum
  - Max. Power: +12V Rail 0.2A (2.4W)
  - Max. Power: -7.5V Rail 0.2A (1.5W)

Reference Inputs

- Number of Inputs: 2 looping
- Level: 1Vpp nominal
- Signal: Analog video sync (Blackburst or tri-level), or AES/EBU DARS
- Impedance: 75 ohms terminating
- Return Loss: >30 dB to 30 MHz
- Maximum DC on REF Input: ±1V

Card Slots

- 20 Slots
- Total Power Available: 500W
- Maximum Card Power:
  - High Density (Split) Rear Module: 15W per card, accommodates two openGear cards and requires two slots in the frame chassis
  - Standard Rear Module Accommodates one openGear card and requires two slots in the frame chassis: 30W per card, or 45W if the openGear card has integrated cooling.
  - Double Wide Rear Module: 60W per card, or 75W for a single card with integrated cooling, or 90W for a multi-slot assembly with integrated cooling and receiving power from two or more midplane connectors.

Size (w x d x h)

- 2RU 19.0" x 16.82" x 3.5" (483 x 427 x 90 mm)

Weight

- 20.0 lbs (9.1 kg) - OG-X-FR frame with two OG-X-PS power supplies installed

Power

- Total Sum of both outputs not to exceed 500W
  - Input: 6.3A (650W)
  - Output 1: 12V 41.6A, 500W maximum
  - Output 2: -7.5V 5A, 37.5W maximum

Environment

- Safe Operating Temperature: 0 to 40 C (32 to 104 F)
- Operating Relative Humidity: <90% noncondensing