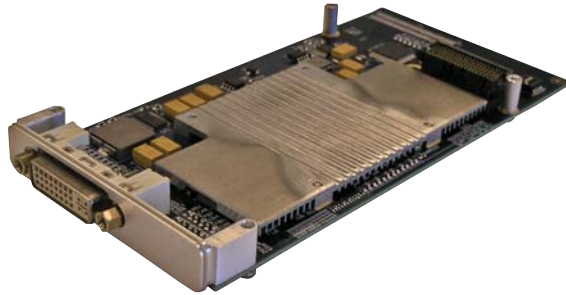




Dual Display XMC Graphics Card



Mechanical

- Conforms to VITA 42.0 XMC Standards.

Power Requirements

Max Power Dissipation: Less than 25W
+5V on VPWR (+12V on VPWR not supported)

Environmental

Operating

- Temperature: -5° to 55°C
- Humidity (RNC): 10% to 85% non-condensing
- Altitude: 4,000m / 13,000 ft @40°C
- Shock: 10g 11ms half-sine
- Vibration: 5-100Hz @ 1g sine sweep
Random 5-20Hz @ 0.01g2/Hz; 20-500 -3dB slope

Storage and Transit (in approved packaging)

- Temperature: -40° to 70°C
- Humidity (RNC): 10% to 90% non-condensing
- Altitude: 12,192m / 40,000 ft
- Shock: 40g 6ms half-sine, 500/axis
- Vibration: 5-50Hz @ ½g 50-100Hz @ 3g sine sweep
Random 5-20Hz @ 0.01g2/Hz; 20-500 -3dB slope

Regulatory Compliance

- Designed for NEBS/ETSI Compliance
- CE Certification with national deviations
- Safety (pending): UL/cUL 60950-1:2007; EN/IEC 60950-1:2006
- EMI/EMC: FCC 47 CFR Part 15 Class A;
EN 55022:2006; EN 50024:1998

Reliability

- MTBF: 1,167,594 hours @ 25°C
Calculated using Telcordia Issue 1, Method I, Case 3.
- 2 year limited warranty

Ordering Information

- XMC2400: Dual-Video XMC card with PIM

PRODUCT FEATURES

GPU

AMD/ATI Radeon™ E2400
(M72 core based)
Superior 2D and 3D graphics acceleration
DirectX 10 and OpenGL 2.0 support

GPU Clock

Scalable up to 600MHz
(graphics processor)

Memory

128MB on-chip GDDR3 video memory

Display Support

Dual display support with independent resolutions, refresh rates, color controls – DVI and DAC analog RGB (VGA)

Port 1

DVI (Single Link) and analog RGB; front DVI-I connector or Pn4 connector-selectable

Port 2

DVI (single Link) and analog RGB (Pn4 connector)

Interface

Up to x8 Lane PCI Express
Pn4 (DVI & RGB)

Max Resolutions

1920x1200 (Single-Link DVI)
2048x1536 (Analog)

OS Compatibility

Windows® Vista, Windows® XP,
Windows® 2008 Server, Enterprise Linux®

Other

Integrated FRU record

Compliant

RoHS

Specification

VITA 42.0 XMC

Standard

VITA 42.3 PCI Express

Compatibility

CPB4812 (front and RTM)
CPB4712 (front only)