



GraphiteVPX/GPU

Connect Tech's GraphiteVPX/GPU is a VITA 65 compliant 3U peripheral card that brings the NVIDIA® GeForce GTX 950M to the highly rugged embedded VPX marketplace. The GraphiteVPX/GPU provides up to four DisplayPort outputs or 2 DVI outputs.

The power of the GeForce GTX 950M delivers unsurpassed graphics, video, and GPU computing performance, with access to 640 NVIDIA CUDA™ cores. It is an ideal solution for performance driven systems such as medical imaging, defense, and military/aerospace applications.

The onboard PCIe Gen 3.0 switch allows for multiple dataplane options, a direct x8 interface, or the option of splitting the bus into two x4 interfaces allowing for an additional downstream port. A non-transparent (NT) option is also available to allow multiple hosts to share the GPU resources through the same backplane.

Product Name: GraphiteVPX/GPU
Part Number: VPG301



Specifications	
Form Factor	3U OpenVPX 1" pitch (VITA 46, 48, and 65 compliant)
Power Requirements	12V (VS1), 3.3V (VS2), 5V (VS3)
Maximum Power	65W
PCI Express	3.0 (x8 or two x4) Dataplane only
LEDs	Power up status and PCIe Link speeds
GPU Specs	<ul style="list-style-type: none"> • NVIDIA® GeForce 950M with 2GB GDDR5 • 640 NVIDIA CUDA™ cores • Display Options: <ul style="list-style-type: none"> - DPA (DisplayPort or HDMI) - DPB (DisplayPort) - DPC (DisplayPort or HDMI) - DPD (DisplayPort)
OS Support	<ul style="list-style-type: none"> • Windows 7, 8, 8.1, 10 • Linux

FEATURES

- ✓ *NVIDIA® GeForce GTX 950M/2GB GDDR5*
- ✓ *Conduction Cooled only*
- ✓ *The onboard PCIe Gen 3.0 switch supports multiple Dataplane options: one x8 or two x4 ports with NT capabilities*
- ✓ *I/O supports up to 4 DisplayPort outputs or 2 DVI outputs*
- ✓ *-40°C to +70°C*

RoHS

Specifications subject to change without notice.
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