

## Xtreme/GPU - Down Stack

Connect Tech's Xtreme/GPU brings exceptional desktop-level graphics, outstanding multimedia features, and GPU processing power to the PCIe/104 form factor; with the ability to select either AMD or NVIDIA graphical solutions.

Connect Tech's AMD version of the Xtreme/GPU is a high end graphics unit, used to drive up to four video connections for either independent use, or leveraging AMD Eyefinity technology, as a single large surface. On-board passive circuitry allows for the use of HDMI, or Dual-Mode DisplayPort, enabling the use of DVI dongles if DisplayPort or HDMI is not preferred.

With Connect Tech's NVIDIA solution, the Xtreme/GPU transforms into a processing powerhouse. With access to the NVIDIA CUDA™ Cores, the GPU can become a parallel computational CPU for non-graphical applications.

**Product Name:** Xtreme/GPU  
**Part Number:** XGG009, XGG010, XGG011, XGG012, XGG016, XGG017, XGG020



### FEATURES

- ✓ Up to Four Video Connections
- ✓ Supports Microsoft DirectX 11 Technology
- ✓ Supports OpenGL/OpenCL Technology
- ✓ PCIe x1 Down Stack Compatible
- ✓ PCIe x16 Down Stack Compatible

Part No.	Feature Set
XGG009	Commercial: AMD Radeon E6760 Temperature Range: -10°C to +70°C Graphics Engine: 600MHz Memory: 1GB GDDR5 Interface: PEG (x16 PCIe) Display Outputs: Up to 2 display outputs from HDMI 1.4a, DisplayPort 1.1a / 1.2 + up to 4 display outputs from DisplayPort 1.1a / 1.210 Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity
XGG010	Industrial: AMD Radeon E6760 Temperature Range: -40°C to +70°C Graphics Engine: 600MHz Memory: 1GB GDDR5 Interface: PEG (x16 PCIe) Display Outputs: Up to 2 display outputs from HDMI 1.4a, DisplayPort 1.1a / 1.2 + up to 4 display outputs from DisplayPort 1.1a / 1.210 Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity
XGG011	Commercial: AMD Radeon E6760 Temperature Range: -10°C to +70°C Graphics Engine: 600MHz Memory: 1GB GDDR5 Interface: PCIe-3 (x1 PCIe) Display Outputs: Up to 2 display outputs from HDMI 1.4a, DisplayPort 1.1a / 1.2 + up to 4 display outputs from DisplayPort 1.1a / 1.210 Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity
XGG012	Industrial: AMD Radeon E6760 Temperature Range: -40°C to +70°C Graphics Engine: 600MHz Memory: 1GB GDDR5 Interface: PCIe-3 (x1 PCIe) Display Outputs: Up to 2 display outputs from HDMI 1.4a, DisplayPort 1.1a / 1.2 + up to 4 display outputs from DisplayPort 1.1a / 1.210 Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity
XGG016	Commercial: NVIDIA GeForce GTX 950M Temperature Range: -40°C to +70°C Graphics Engine: 914MHz Memory: 2GB 128bit/DDR3 Interface: PEG (x16 PCIe) Display Outputs: Up to 3 Displays, DP_A: DisplayPort, HDMI; DP_B: DisplayPort; DP_C: DisplayPort, HDMI; DP_D: DisplayPort Additional Features: OpenGL 4.4, OpenCL 1.1
XGG017	Industrial: AMD Radeon E8860 Temperature Range: -40°C to +70°C Graphics Engine: 625MHz Memory: 2GB GDDR5 Interface: PEG (x16 PCIe) Display Outputs: Up to 2 display outputs from HDMI + up to 4 display outputs from DisplayPort 1.1a / 1.210 Additional Features: OpenGL 4.2, OpenCL 1.2, AMD Eyefinity
XGG020	Industrial: NVIDIA GeForce GTX 950M Temperature Range: -40°C to +70°C Graphics Engine: 914MHz Memory: 2GB GDDR5 Interface: PEG (x16 PCIe) Display Outputs: Up to 3 Displays, DP_A: DisplayPort, HDMI; DP_B: DisplayPort; DP_C: DisplayPort, HDMI; DP_D: DisplayPort Additional Features: OpenGL 4.5, OpenCL 1.2

Specifications	
Power Requirements	+5V, +12V (Max wattage dependent upon selected module)
Embedded Power	+3.3V @ 4A
PCI Express	2.1 (x1 Down Only, x16 Down Only)
Display Outputs	Up to 4 Display Outputs
Dimensions	PCIe/104 Compliant (without Heatsink), 95.89mm x 107.95mm x 15.55mm
LED Indicators	3 x Power LEDs
Warranty and Support	Limited warranty dependent on model Free technical support

## RoHS

Specifications subject to change without notice.  
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