Xtreme/GPU - Up 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.

Specifications

<table>
<thead>
<tr>
<th>Power Requirements</th>
<th>+3V, +12V (Max wattage dependent upon selected module)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embedded Power</td>
<td>+3.3V @ 6A</td>
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<tr>
<td>PCIe Express</td>
<td>3.1 (x1 Up Only, x16 Up Only)</td>
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<tr>
<td>Display Outputs</td>
<td>4 x DisplayPort or 4 x HDMI</td>
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<tr>
<td>Dimensions</td>
<td>101.73mm x 95.88mm (4.005” x 3.775”)</td>
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<tr>
<td>LED Indicators</td>
<td>3 x Power LEDs</td>
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<tr>
<td>Warranty and Support</td>
<td>Limited warranty dependent on model</td>
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</tbody>
</table>

FEATURES

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

Part No. Feature Set

- XGG014 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 4 displays
  Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity

- XGG015 Commercial: NVIDIA GTX950M
  Temperature Range: 0°C to +70°C
  CUDA Cores: GTX950M
  55W Power
  Memory: 2GB 128bit/DDR5
  Interface: PEG (x16 PCIe)
  Display Outputs: Up to 4 displays
  Additional Features: OpenGL 4.4, OpenCL 1.1, DirectX 12 API compliant

- XGG018 Industrial: NVIDIA GTX950M
  Temperature Range: -40°C to +70°C
  CUDA Cores: GTX950M
  55W Power
  Memory: 2GB 128bit/DDR5
  Interface: PEG (x16 PCIe)
  Display Outputs: Up to 4 displays
  Additional Features: OpenGL 4.4, OpenCL 1.1, DirectX 12 API compliant

- XGG019 Commercial: AMD Radeon E8860
  Temperature Range: -40°C to +70°C
  Graphics Engine: 625MHz
  Memory: 2GB GDDR5
  Interface: PEG (x16 PCIe)
  Display Outputs: Up to 4 displays
  Additional Features: OpenGL 4.1, OpenCL 1.1, AMD Eyefinity

Specifications subject to change without notice.
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