

XMC-E8860-V0

AMD RADEON™ E8860, 768 GFLOPS GPGPU WITH 6 OUTPUTS

KEY FEATURES

- AMD Radeon™ E8860 GPU
- 6 independent outputs
- Advanced dynamic power management, tunable from 10 to 40 Watts
- Long-life support

ADDITIONAL FEATURES

- Up to 6 independent outputs:
DisplayPort 1.2, HDMI 1.4, Dual-Link DVI, SVGA
- Advanced GPGPU capabilities for parallel processing:
 - ☐ 768 GFLOPs single-precision
 - ☐ OpenCL™ 1.2, DirectCompute 11.1
 - ☐ DirectX® 11.1, OpenGL 4.2
- 2GB GDDR5 memory, 128-bit
- 64 GB/s memory bandwidth
- PCIe x8 Gen3

SPECIFICATIONS

- High levels of ruggedization:
 - ☐ MIL-STD-810, IPC 6012 Class-3
 - ☐ -40° to +85°C operating temperature
 - ☐ 40g, 11ms shock
 - ☐ 0.2g²/Hz at 5 - 2000Hz vibration
 - ☐ Rugged air-cooled or conduction-cooled
- VITA 46.9 I/O compliant mapping for 3U and 6U VPX configurations
- Front I/O and Rear I/O configurations
- Windows and Linux drivers
- VxWorks, Integrity, LynxOS, and other RTOS drivers are also available upon request

OVERVIEW

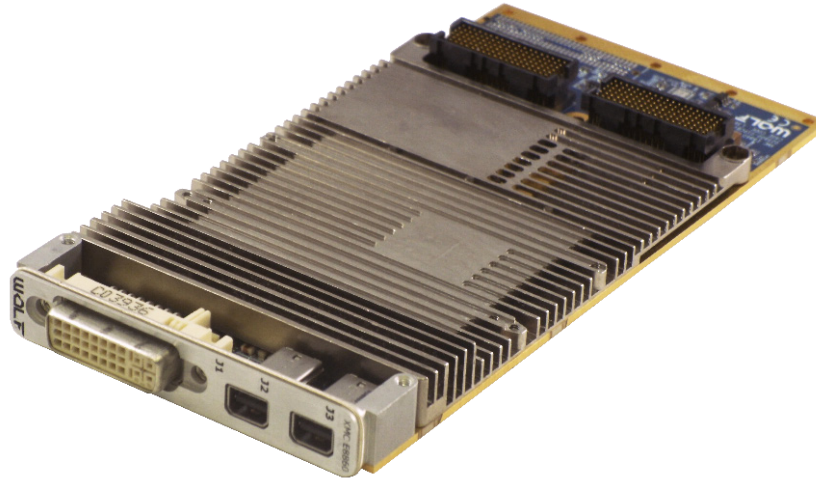
WOLF's XMC-E8860-V0 graphics module significantly outperforms the previous generation GPUa, with a similar thermal design point.

The XMC-E8860-V0 is capable of driving up to six displays, comprised of combinations of: up to six DisplayPort 1.2 digital displays, up to four SDI digital displays, or up to two legacy displays (including HDMI, Dual-Link DVI, or one SVGA). The board has GPGPU capabilities with 768 GFLOPS of single-precision parallel processing capability.

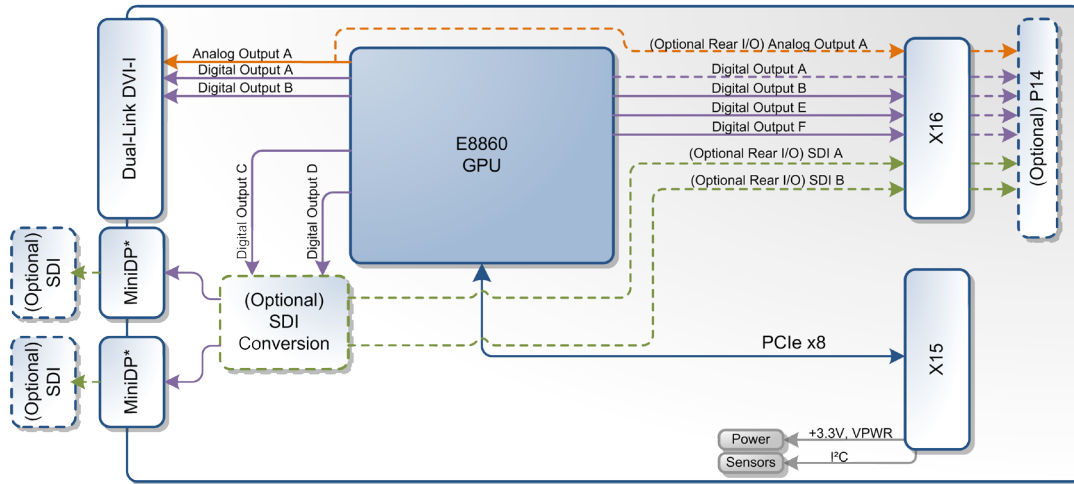
Hardware configuration options include: rugged air-cooled or conduction-cooled; front or rear I/O; XMC X16 or PMC P14. Designed to be fully compatible with VPX, this next generation video output module supports the industry-standard ANSI/VITA 46.9 I/O connector mapping.

For additional options contact WOLF to discuss MCOTS and custom design services.





FRONT I/O



REAR I/O

