

M12-P107

Features

- Drive up to 12 displays in single card with single GPU
- Maximum 5760x4320 high resolution, support 1920x1080 per port
- Support H.265/HEVC video decoder, drive 4* 4Kp30 videos simultaneously
- Support hardware EDID caching optimize displaying quality and stability

Specifications



GPU Engine Specs

Floating Point Performance	1.98 TFLOPS
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Memory Specs

Memory Size	4GB GDDR5
Memory Clock	7.0 Gbps
Memory Interface Width	128-bit
Memory Bandwidth (GB/sec)	112

Feature Support

Bus Type	PCI Express 3.0 x16
OpenGL	4.5
DirectX	12 API
Operation System	Windows 7 - 10

Display Support

Max. Displays per Board	12
Max. Digital Display Support Display	5760 x 4320 (3 x 4 mode)
Connectors	4x VHDCI

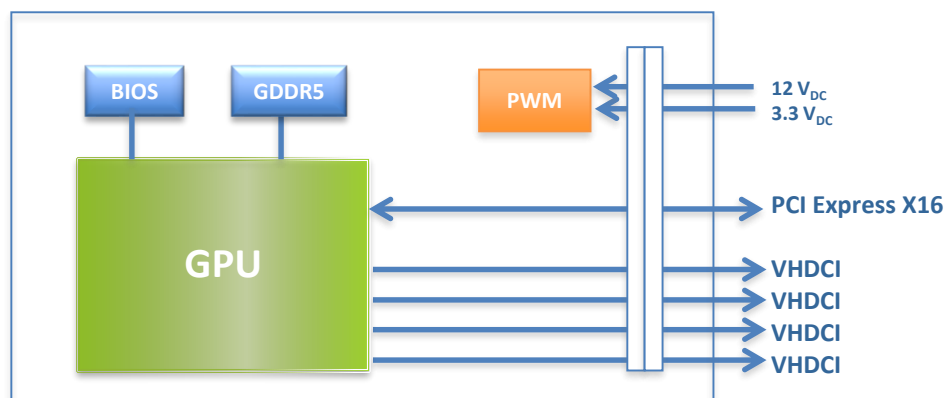
Thermal and Power Specs

Thermal	2-ball bearing FAN
Max. GPU Temperature (in C)	97 °C
Max. Board Power Consumption (W)	75 W
Min. System Power Requirement (W)	300 W

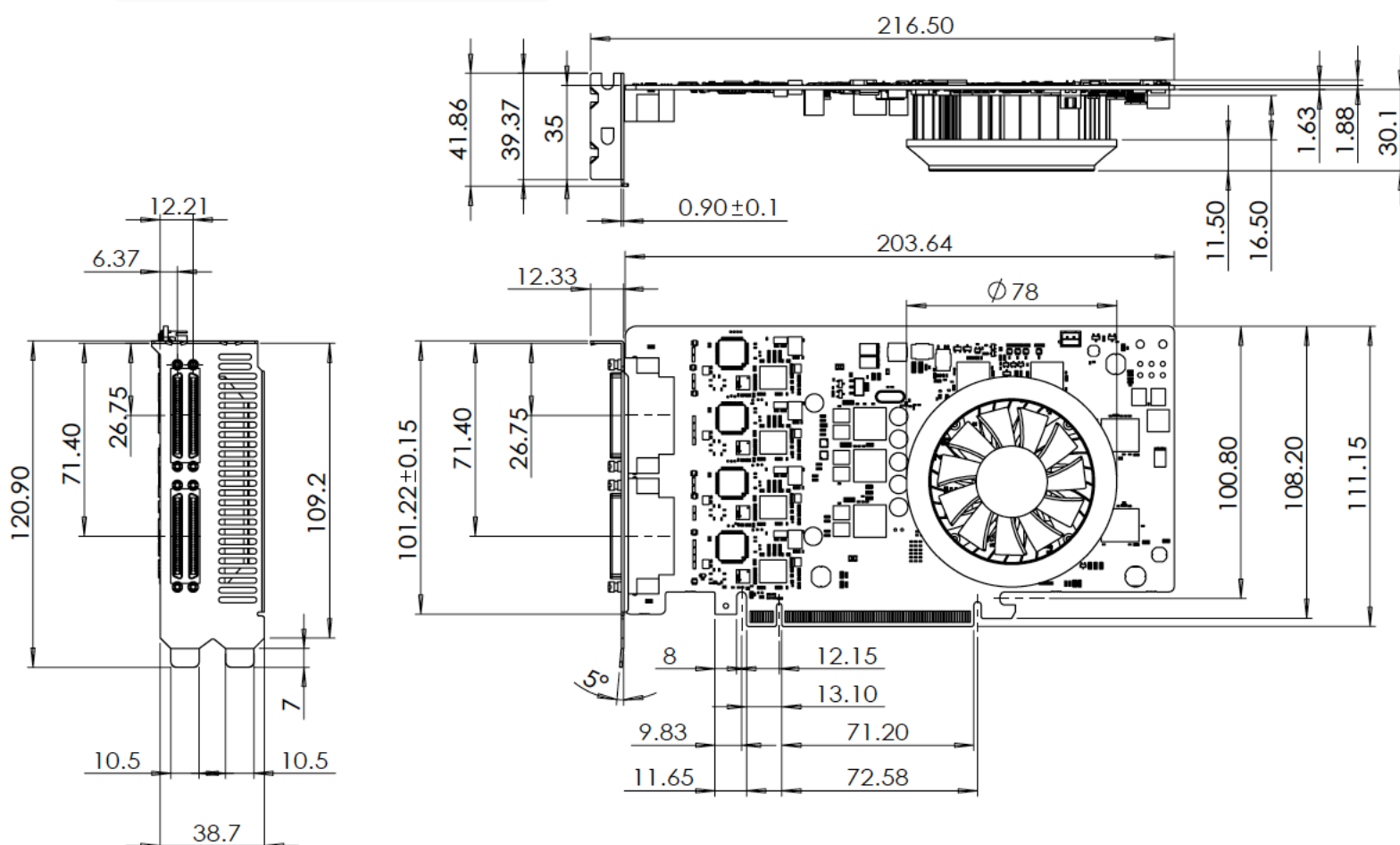
Dimensions

Form Factor	ATX
Length	203.64 mm
Height	111.15 mm
Width	Two slot

Block Diagram



Mechanical



Ordering Information

Model Number	Description
M12-P107D	PCI-Express 16X, 4GB GDDR5, with VHDCI to DVI cable, 0°C to +55°C
M12-P107H	PCI-Express 16X, 4GB GDDR5, with VHDCI to HDMI cable, 0°C to +55°C