

M12-M204T



Features

- Based NVIDIA Maxwell GPU bring incredible 3D performance.
- Single GPU card drive up to 12 displays simultaneously.
- Flexible displays configuration including 6x / 9x / 12x displays.
- Flexible display in clone or extended mode even for 12x1.
- Support EDID caching intelligently optimize displaying quality and stability.
- Ideal for wide screen advertising, digital signage and video wall system.

Specification



GPU Engine Specs

GPU	NVIDIA Maxwell™ Architecture
NVIDIA® CUDA™ Cores	1024
Graphics Clock (MHz)	924 MHz + Boost
Floating Point Performance (GFLOPS)	2365.44

Memory Specs

Memory Size	6GB GDDR5
Memory Clock	5.0 Gbps
Memory Interface Width	192-bit
Memory Bandwidth (GB/sec)	120

Feature Support

Bus Type	PCI Express 3.0 x16
OpenGL	4.4
DirectX	12 API
CUDA enabled	Yes
Operation System	Windows® 7 Windows® 8 Windows® 10 Linux

Display Support

Max. Displays per Board	12
Max. Digital Display Support	3840x4096 (3x4 mode)
Display Connectors	4 x VHDCI

Thermal and Power Specs

Thermal	2-ball bearing FAN
Max. GPU Temperature (in C)	88 °C
Max. Board Power Consumption (W)	84 W
Min. System Power Requirement (W)	400 W

Dimensions

Form Factor	ATX
Length	205.05 mm
Height	114.85 mm
Width	Two slot

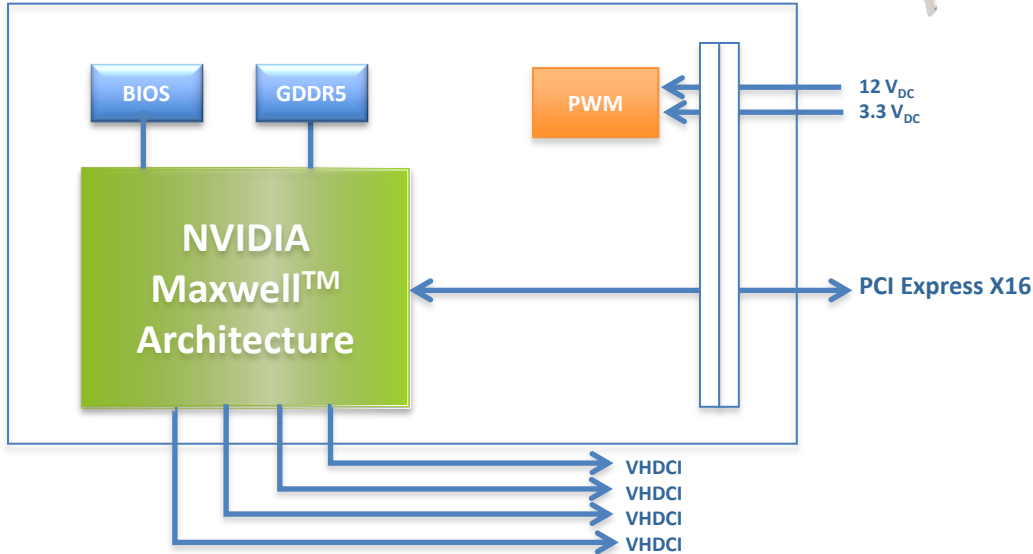
Ordering Information

Model Number	Description
M12-M204T	VGA Card
7W5000000100	VHDCI Cable to 3xDVI (Optional Accessories)
7W5000000110	VHDCI Cable to 3xHDMI (Optional Accessories)

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Block Diagram



Mechanical

