

**PART NUMBER:**  
TCSM10M-PB

**NVIDIA TESLA M10**  
GREAT USER EXPERIENCE  
HIGH USER DENSITY

The NVIDIA Tesla M10 GPU accelerator works with NVIDIA GRID™ software to provide the industry's highest user density for virtualized desktops and applications. It supports 64 desktops per board and 128 desktops per server, giving your business the power to deliver great experiences to all of your employees at an affordable cost.



IT needs a software-defined approach to virtualization in the data center that delivers scalability, data security, and simplified manageability. However, adoption of desktop virtualization solutions has been limited by their failure to deliver a user experience that's as good as physical devices.

NVIDIA GRID brings the power of NVIDIA Tesla GPUs to virtual workstations, desktops, and apps, for an immersive experience for everyone from designers to mobile professionals to office workers. Taking graphics acceleration to the data center lets IT centralize apps and data and deliver virtual workspaces that offer improved management, security, and productivity.

**Raise the bar on productivity**

Transform workflows to liberate your users and data from the confines of PCs, workstations, offices, and distance. With NVIDIA GRID, your teams can seamlessly collaborate in real-time, wherever they are, using any device they choose to be productive.

**Protect mission-critical assets and IP**

Protect most valuable data by keeping it centralized within the data center. You can securely collaborate with business partners without the threat of data loss, while also enabling new mobile, work-from-anywhere work styles.

**Simplify IT management**

IT can now centralize data and applications in the data center and deliver a graphics-accelerated virtual workspace with improved IT manageability, security, and graphics performance that exceeds user expectations.

**TESLA M10 - PRODUCT SPECIFICATION**

VIRTUALIZATION USE CASE	Density-Optimized Graphics Virtualization	
GPU ARCHITECTURE	NVIDIA Maxwell™	
GPUS PER BOARD	4	
max user per board	64 (16 per GPU)	
NVIDIA CUDA CORES	2560 (640 per GPU)	
GPU MEMORY	32 GB GDDR5 Memory (8 GB per GPU)	
H.264 1080P30 STREAMS	28	
MEMORY INTERFACE	PCI Express 3.0 x16	
MAX POWER CONSUMPTION	225 W	
THERMAL SOLUTION	passive Heatsink	
FORM FACTOR	111.15 mm (H) x 267.7 mm (L) Dual Slot, Full Height	
DISPLAY CONECTORS	None	
POWER CONNECTORS	8-pin PCI Express power connector	
WEIGHT (W/O EXTENDER)	992g	
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