

TMSS-1800+

Theatre Management System Server



The TMSS-1800+ is a new generation server designed by GDC specifically for Theatre Management System (TMS) software. The TMSS-1800+ TMS server adopts a 2U rack-mount design, effectively enabling centralized management of content storage, monitoring and control. The configuration of the TMSS-1800+ TMS server not only allows smooth operation and handling of daily cinema booth operations, but also integrates with various GDC automation solutions, such as the Power Management Adapter (PMA), Automation Control System (ACS), Power Sequence Controller (PSC), with the greatest compatibility with hardware devices from various projection equipment manufacturers. The TMSS-1800+ TMS server is the core unit of a multiplex Theatre Management System.

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Key Features

1 Sleek and Efficient Chassis Design

The TMSS-1800+ TMS server features a compact and sleek 2U rack-mount design that fits most server racks. The front of the server has two handles allowing easy relocation. The server employs an adaptive fan design, ensuring reduced noise operation. The server has two USB ports in the front and five USB ports at the rear. The server supports HDMI 2.0, DP 1.4, DVI-D, and VGA video outputs.

2 Fast Transmission Speed

The TMSS-1800+ TMS server supports a maximum data network bandwidth of 20Gbps, allowing cinemas to quickly distribute movies to multiple auditoriums simultaneously, saving time for management-run booth operations and projection booth operators.

3 Large Storage Capacity

The TMSS-1800+ TMS server is equipped with eight hard drive slots, utilizing RAID-5 array technology. It comes with a default configuration of 16TB of storage but can be customized based on customer requirements with a maximum storage capacity of up to 112TB.

4 Efficient Operating System

The TMSS-1800+ TMS server utilizes Windows Server 2022 Standard, providing users with a better operating experience and better compatibility with different control software for projection equipment. This allows users to manage all projection devices from the server conveniently. The system provides secure and effective data protection, ensuring the safety of the cinema's TMS enterprise software.

Technical Specifications

Physical	
Dimensions	482mm (W) x 650mm (D) x 88mm (H)
Weight	12.85kg (excluding hard drives)
Environmental	
Operating Temperature	10°C - 35°C (50°F - 95°F)
Operating Humidity	8% - 90%, non-condensing
Maximum Operating Altitude	10,000 ft. (3,000m)
Power	
Device Power Supply	100 - 240V, 60/50Hz, 5A
Device Power Consumption	550W Redundant Power Supply
Storage	
System Drive	512GB SSD
Storage Drive	16TB - 112TB
Storage Raid	Raid 5
System Interfaces	
Network Interface	2x RJ45 (1000Base-T), 2x SFP+ (10GBase-SR), 1x RJ45 (IPMI)
USB Port	Front: 2x USB 2.0, Rear: 5x USB 3.0
Video Interface	HDMI 2.0, DP 1.4, DVI-D, VGA

Configuration

