



Grid Engine

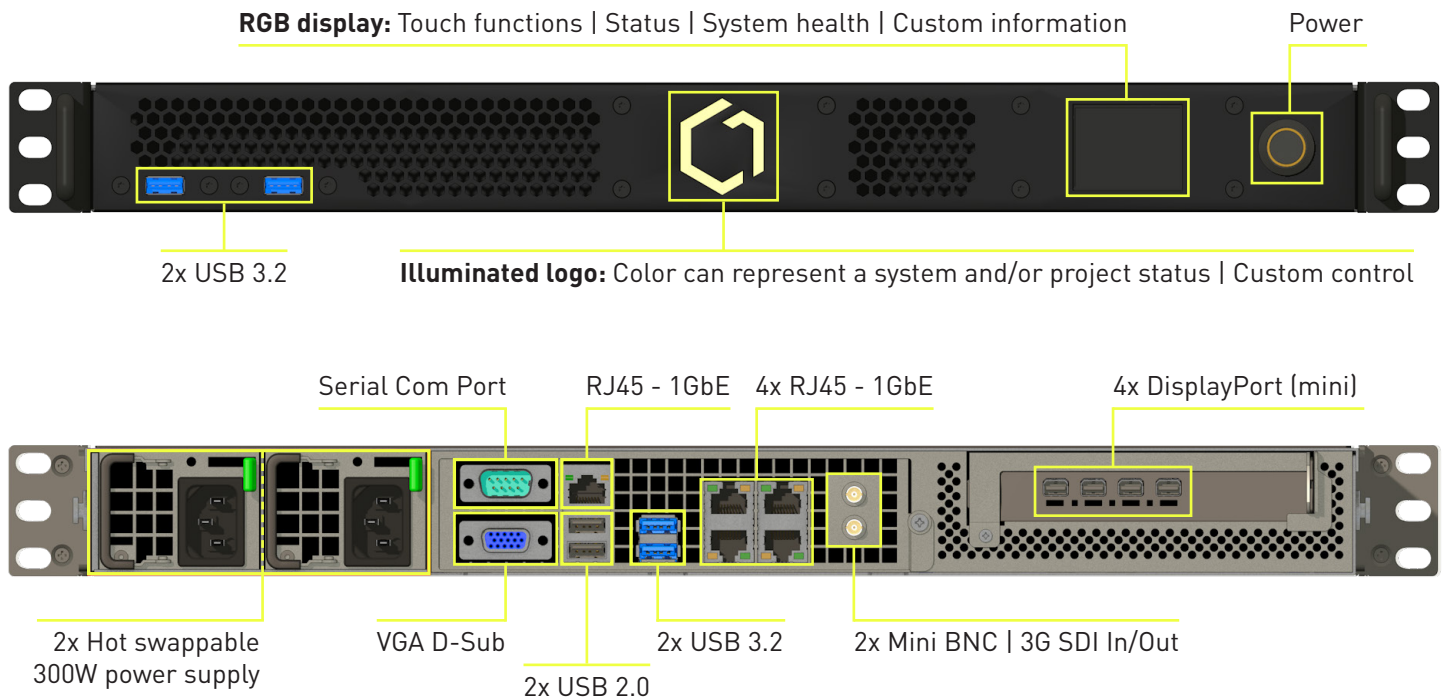
Purpose-built performance.
Guaranteed precision.

OVERVIEW

Purpose-built server designed to meet the high-performance control and data processing demands of Grid Studio and Grid Player deployments. A 1U rack-mounted powerhouse engineered exclusively for real-time control, automation, and data orchestration. Unlike generic servers, Grid Engine is manufactured warrantied, and optimised by Stage Precision, ensuring full compatibility and stability across all SP Grid deployments.

Designed to meet the demands of Grid Studio and Grid Player deployment, this high-performance unit delivers exceptional control and data processing across immersive spaces, virtual production, and live event environments. Available as a standalone unit or bundled at point of sale with yearly or perpetual credit packs, offering a flexible, scalable foundation for projects of every size and complexity. Whether you're deploying a single room or building a multi-server environment, Grid Engine adapts to your needs—with precision you can rely on.





PRODUCT SPECIFICATIONS:

Operating system	Windows 11 IoT Enterprise LTSC
CPU	Intel Xeon E-2434, 4 Core 8 Thread, 3.4 / 5.0GhZ
Memory	64GB Dual Channel ECC DDR5
Storage	PCIe 4.0 NVMe Samsung SSD 990 PRO - 1TB (930GB available)
Graphics	NVIDIA RTX A400 4GB
Video output	4x DisplayPort (mini) 1 x VGA D-Sub
Graphics (iGPU)	Aspeed AST2600 BMC
Network	Quad LAN Intel® I210
Dedicated management network	Supermicro Server Manager Supermicro Power Manager IPMI Utilities ACPI Power Management Wake On Lan
Framelock (Sync) or Calibration input	2x mini BNC 3G SDI In / Out
USB 2.0 (2x)	2x USB 2.0
USB 3.2 (4x)	2x USB 3.2 rear 2x USB 3.2 front
D-Sub 9	Serial com port

PHYSICAL SPECIFICATIONS:

Dimensions	Width 482.6mm (19") Height 1U - 44.4mm (1.748")
Depth with handles	425mm (16.73")
Depth without handles	405mm (15.9")
Unit weight	8.5Kg (18.74 lbs)
Packed dimensions	W577mm, H176mm, D546mm (W22.72 in, H6.93 in, D21.5 in)
Packed weight	11Kg (24.25 lbs)

MORE INFORMATION:

Redundant power supply	Redundant failover automation 100 – 240V~, 50 – 60Hz, 4A Max. 80Plus Gold Two IEC cables included
Operating temperature	0 – 32° C (32 – 90° F)
Internal fans	~55dB @ Idle, ~75dB @ Max Load

ACCESSORIES

26" Slider Rails	700mm-950mm travel length
18" Slider Rails	For 600mm cabinet depth