MPN: IPSTREAMER

2U HiperWall IP Streamer with Ultra 5 225, 32GB, 2x500GB SSD RAID1, Nvidia A400 2.5GbE/1GbE, 2x550W

Hiperwall IP Streamer Server – Compact and Reliable Streaming Solution



The 2U Hiperwall IP Streamer Server is a compact, enterprise-ready platform designed for efficient IP-based content streaming in modern video wall and visualization environments. Built for reliability and consistent performance, this system is ideal for control rooms, monitoring centers, and distributed visualization setups where space efficiency and dependable operation are essential.

At the heart of the server is the Intel Ultra 5 225 processor, delivering solid performance for handling IP stream encoding and distribution tasks. Combined with 32GB of system memory, the platform ensures smooth processing of multiple streams, stable multitasking, and responsive system performance in continuous operation environments.

The storage subsystem is optimized for both performance and data protection. The system features two 500GB SSDs configured in RAID 1, ensuring mirrored data storage for redundancy and improved fault tolerance. This configuration enhances system reliability and safeguards critical streaming data, making it well-suited for mission-critical applications.

Graphics processing is handled by the Nvidia A400 GPU, providing efficient hardware acceleration for video encoding and streaming workloads. This ensures smooth and reliable handling of IP streams while maintaining low power consumption and consistent performance.

The server includes flexible network connectivity with 1×2.5GbE and 1×1GbE interfaces, enabling integration into a wide range of network infrastructures. These options provide sufficient bandwidth for IP stream distribution while supporting both modern high-speed networks and legacy environments.

To maximize uptime and operational reliability, the system is equipped with dual 550W redundant power supplies. This ensures continuous operation in the event of a power supply failure, making the platform suitable for environments where availability is critical.

- Intel Ultra 5 225 processor for efficient IP streaming performance
- 32GB RAM for stable multitasking and stream handling
- 2 × 500GB SSD in RAID 1 for redundancy and data protection
- Nvidia A400 GPU for hardware-accelerated streaming
- Network interfaces: 2.5GbE and 1GbE for flexible connectivity
- Dual 550W redundant power supplies for high availability

Specifications

Battery	**Battery Weight (g)**	2.5 g
	Lithium Weight (g)	0.007 g
Certificates	**NDAA Compliance**	Yes

Design	**Chassis type**	Rack
	Cooling type	Active
	Motherboard form factor	micro ATX
	Product colour	Black, Silver
	Rack mounting	Yes
	Rack rails	No
Expansion slots	**PCI Express x16 (Gen 5.x) slots**	1
	PCI Express x4 slots	1
Graphics	**Discrete graphics card**	Yes
	Discrete graphics card memory	4 GB
	Discrete graphics card model	Nvidia A400
	Number of displays supported (on-board graphics)	2
	On-board graphics card	Yes
	On-board graphics card 4K support	Yes
	On-board graphics card family	Intel® Graphics
	On-board graphics card model	Intel® Graphics
Legal Information	**ADR Information**	UN3091 - Lithium METAL (inside equiment)
	Country of Origin	Denmark
	EU ECCN Code	N/A
	Tariff No.	8471490000
	UNSPSC Code	43211501
	US ECCN Code	5A992C
Memory	**Buffered memory type**	Unregistered (unbuffered)
	Internal memory	32 GB
	Internal memory type	DDR5
	Maximum internal memory	256 GB
	Memory data transfer rate	5600 MT/s
	Memory layout (slots x size)	2 x 16 GB
	Memory slots	4
Network	**Ethernet interface type**	2.5 Gigabit Ethernet, Gigabit Ethernet
	Ethernet LAN	Yes
	Number of LAN controllers	2
Other features	**Dimensions (WxDxH)**	504x432.4x88 mm
	Hot-swap HDD bays	No
	Integrated BMC with IPMI	No
	Integrated LAN	Yes
	Number of SATA connectors	4
	RAID controller type	Software
Package dimensions	**Depth (package,cm)**	69 cm

Package dimensions	**Gross Weight (Package, kg)**	12 kg
	Height (package,cm)	21 cm
	Width (package,cm)	57 cm
Packaging content	**Cables included**	Power
Performance	**BIOS type**	UEFI AMI
	Export Control Classification Number (ECCN)	5A992C
Ports & interfaces	**DisplayPorts quantity**	1
	Ethernet LAN (RJ-45) ports	2
	HDMI ports quantity	1
	HDMI version	2.1
	Mini DisplayPorts quantity	4
	Number of SATA III connectors	4
	USB 2.0 ports quantity	3
	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity	4
	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Power	**Number of redundant power supplies installed**	2
	Power supply	550 W
	Redundant power supply (RPS) support	Yes
Processor	**Efficient cores**	4
	Efficient-core base frequency	2.7 GHz
	Motherboard chipset	B860
	Performance cores	6
	Performance-core base frequency	3.3 GHz
	Performance-core Max Turbo Frequency	4.9 GHz
	Processor cache	20 MB
	Processor cache type	Smart Cache
	Processor cores	10
	Processor family	Intel® Core™ Ultra Processor
	Processor generation	Intel Core Ultra (Series 2)
	Processor manufacturer	Intel
	Processor model	225
	Processor socket	LGA 1851 (Socket V1)
	Processor threads	10
	Thermal Design Power (TDP)	65 W
Product dimensions	**Net Weight (Product, kg)**	10 kg

Product dimensions	**Product Depth**	50.4 cm
	Product Height	88 cm
	Product Width	43.2 cm
Software	**Compatible operating systems**	Windows 11
Storage	**Internal drive bays**	4
	Number of 5.25" bays	2
	Number of HDDs supported	4
	Number of SSDs installed	1
	Number of SSDs supported	3
	NVMe	Yes
	RAID levels	0, 1, 10
	RAID support	Yes
	SSD capacity	500 GB
	SSD interface	SATA III
	SSD size	2.5"
	Supported HDD sizes	3.5 "
	Supported storage drive interfaces	M.2, Serial ATA III
	Total storage capacity	500 GB
Technical details	**3.5" HDD support**	4
	Chassis dimensions	19.84x17.02x3.46 "
	Warranty period	3 year(s)
Vendor information	**Brand Name**	Ernitec
	Warranty	3 Year(s)

Other images





