Built for Growth: Scalable Architecture for Every Need

NEW FLOW Ultimate Server Nodes

Improved Performance and Versatility: Enhanced Power, Enhanced Speed, Endless Possibilities

The landscape of media creation is in a constant state of flux. To stay ahead, you require a robust infrastructure. The latest FLOW Ultimate Server Nodes are meticulously crafted to elevate your operational processes by incorporating cutting-edge CPU or GPU acceleration, a doubled memory capacity, and 25% more processing cores compared to earlier models. Whether you are managing high-definition content, automating metadata assignment, or executing real-time AI functions, FLOW Ultimate offers remarkable swiftness, intelligence, and productivity, all housed within a compact 2U framework.

Empower AI to Streamline Operations

AI is revolutionizing the realm of media production by automating laborious tasks and unleashing heightened efficiency levels. The GPU-fueled FLOW Ultimate Server Node introduces real-time AI capabilities to streamline operations such as speech-to-text conversion, smart tagging, and media scrutiny with unparalleled quickness and accuracy. When paired with our FLOW AI solution, which delivers precise transcriptions, intelligent metadata, and rapid asset retrieval, AI takes on the heavy lifting, allowing your creative team to concentrate on storytelling without delays in file processing.

Tailored for AI and Media Processes

At the core of the FLOW Ultimate GPU Server Node lies NVIDIA's Ada Lovelace GPU architecture, purposefully designed for contemporary creative AI workflows. Whether you require speech-to-text services, logo identification, or AI-driven automation, this

system keeps pace with your requirements seamlessly.

Choose from two setups:

- **Ultimate Node** – Available in Pro and Elite configurations, these nodes boast augmented core counts and double the memory capacity of earlier iterations, providing well-rounded performance for daily production tasks.

- **Ultimate Node (GPU)** – Optimized for GPU acceleration to tackle intensive AI operations and high-volume data processing.

Both setups cater to high-resolution, high-throughput environments, supporting seamless online editing, file ingestion, parallel file handling, and rapid AI tagging and speech transformation. With compatibility for 8K content and large-scale project management, FLOW Ultimate nodes redefine efficiency in post-production workflows.

FLOW operates on a contemporary microservices framework, enabling you to assign resource-intensive tasks such as automation, AI processing, and transcoding to dedicated production nodes. This modular strategy allows you to enhance system performance as your workload expands.

In need of additional power to manage extra automation tasks or AI functions? Simply integrate another FLOW Ultimate Production Node without downtime, bottlenecks, or reconfiguration. It is a scalable infrastructure that evolves with your needs, not against them.

The applications of FLOW span from ensuring broadcast compliance to tracking brand assets and locating every instance of a logo in Super Bowl footage within seconds.

Data Synchronization with FLOW

Data processed by FLOW Ultimate Server Nodes seamlessly integrates back into FLOW Core for immediate creative access.

Whether it involves transcribed conversations, AI-generated metadata, or a preliminary edit auto-created from speech, all content becomes instantly accessible without manual transfers or disruptions.

Content creators can directly transfer sequences to their preferred NLE for final touches, while producers and reviewers benefit from real-time access to enriched media.

Multiple server nodes can function concurrently to support enterprise-scale performance without compromising speed or reliability.

From small-scale post-production facilities to global media teams, FLOW Ultimate nodes ensure that every phase of the production pipeline is intricately connected, swift, and primed for the future.

FLOW HARDWARE SPECIFICATION

FLOW Production Node Pro	FLOW Production Node Elite
EditShare OS	EditShare OS
2U Rackmount server	2U Rackmount server
Dual power supply units	Dual power supply units
Primary and secondary operating system drives	Primary and secondary operating system drives
Intel Xeon Silver multi-core CPU	Intel Xeon Gold multi-core CPU
64 GB DDR5 ECC RAM	128 GB DDR5 ECC RAM
FLOW Services	FLOW Services
Optional Nvidia GPU 4000	Optional Nvidia GPU 4500
431.8 x 90 x 450.6 mm 17 x 3.5 x 17.7 in	431.8 x 90 x 450.6 mm 17 x 3.5 x 17.7 in

For more information on FLOW Ultimate Server Nodes, reach out to us at sales@editshare.com or visit our website.

LEARN MORE

EditShare®