



proMAX
media technology solutions

From ingest to archive

Create with ProMAX Platform





ProMAX Platform. Shared storage and a whole lot more

Welcome to the new standard in shared storage.

Designed for video professionals who want to accelerate and enhance the creative process, the Platform Server family is the only purpose-built, truly scalable workflow server system that grows as your needs grow.

From the field-ready Portable to the powerful Online, Platform lets you easily add processing power, storage capacity and user connectivity at any stage - building on, rather than throwing away, your previous investment.

Platform is easy to integrate with your existing IT, and with Native Support for Active Directory, it's safe, secure and easy to maintain as part of your overall system.

Optimized for the latest creative workflows, all Platform Servers come standard with:

- **Built in asset management featuring automatic indexing, proxy transcoding, custom metadata tagging, searching and proxy preview**
- **High performance Xeon CPU's with built in transcoding to create common editing formats or deliver to multiple outputs**
- **Server rendering for Adobe After Effects® and Maxon Cinema 4D®**
- **Multi-Node Scale-Out Architecture expands to unlimited capabilities by clustering servers together to add processing power and storage up to 4 Petabytes.**
- **Project Management with Avid Native Project Sharing (Bin Locking)**

Boost your workflow efficiency by 40%

Get back to being creative. Imagine your storage could enhance your workflow. Platform does just that. Platform's multi-faceted capabilities will relieve you and your team of mundane repetitive tasks, speeding your output and giving more time to focus on creativity. Here's how...



From ingest to archive, Platform works hand in hand with every stage of your workflow, streamlining processes and boosting creative output...

CUSTOMER TESTIMONIAL

“For us to take one generic highlight, to ingest and edit it and share it, was taking 15-16 different steps with our old workflow. Now with Platform we are down to 4 steps!”

Tim Fanguy; New Orleans Pelicans Director of Video Production



FAST-TRACK YOUR FOOTAGE FROM LENS TO POST

CAPTURE DIRECT TO SHARED STORAGE

Platform lets you connect cameras or switchers directly to your shared storage for faster access to live content.

Capturing footage directly from a production switcher or a NewTek Tricaster TM onto your Platform Server allows immediate access to live content and will cut hours off of your delivery time. With the ability to work with footage as soon as it is captured, editors can cut scenes immediately after or during capture and push to broadcast or the internet within minutes instead of hours.

5% **EFFICIENCY BOOST**
(1-2 hours of copying data from drives to editing system)



COLLABORATE AND CREATE

ONLINE EDITING FROM SHARED STORAGE

Collaborate, Edit, Design in Adobe Creative Cloud, Avid Media Composer, or Apple Final Cut Pro directly on Platform.

Working on projects and source material directly from a Shared Storage system saves time and improves collaboration. Editing and designing in Adobe Creative Cloud, Avid Media Composer, or Apple Final Cut Pro directly on Platform can save 1-2 hours per week per editor as creatives can easily share projects and ideas among team members getting past those creative roadblocks that kill productivity. Also, editors no longer spend time locating and connecting drives to their workstation, searching for material, finding the right version of material, and sharing material.

5% **EFFICIENCY BOOST**
(1-2 hours editor's time)



OFFLOAD YOUR PROCESSING

NETWORK RENDERING

Instead of wasting precious creative time waiting for renders on your workstation, offload them to Platform.

Rendering comps in After Effects or Cinema 4D will seize your workstation and stop your creative process. Instead of waiting for renders on your workstation, send them to the Platform Server and get your creativity back. While the Platform Server is working on your render, you and your team will be working on other segments of the project or other projects.

10% **EFFICIENCY BOOST**
(4+ hours of time waiting for renders to be done)



TURBOCHARGE YOUR TRANSCODING

MEDIA PREPARATION & CONVERSION

Directly offload transcoding to Platform's servers for faster, easier delivery.

Transcoding content received from a variety of cameras and formats to a universal editing format can take hours or even days. Your editors and their workstations are paralyzed during this tedious process. Get your creative team back to being creative by offloading this media preparation to the Platform servers.

15% **EFFICIENCY BOOST**
(6+ hours of transcoding per project)



ORGANIZE YOUR FILE-BASED WORKFLOWS

PROJECT BASED MEDIA ASSET MANAGEMENT

Platform's built-in MAM software enables automatic indexing and metadata management for media so you can easily find, preview, tag, and organize your assets.

Platform servers include built-in MAM software enabling automatic indexing and metadata management for media. With custom asset tagging and proxy preview, finding material, and organizing content is easy and intuitive. Eliminate the frustration of finding the right media and significantly improve your productivity with Platform's asset management capabilities.

5% **EFFICIENCY BOOST**
(1-2 hours editor's time)



BACKUP AND RETRIEVE SAFELY

ARCHIVAL & DELIVERY

Keep your assets safe with High-Speed Direct-to-LTO Backup and Delivery on Standard LTO Tape formats.

ProMAX Platform Integrates seamlessly with our Pro-Cache & Power-Cache LTO Archive Appliances. Whether it's mirroring active projects for additional protection, backing up projects to LTO or delivering final assets to LTO, ProMAX lets you sleep at night with the peace of mind that your investment is safe.

100% **SAFETY BOOST**

Platform Family

Advantages



INDUSTRY LEADING VIDEO PERFORMANCE

Utilizing a unique low-latency protocol Platform delivers high quality, consistent streaming performance required for online editing. No other shared storage system can generate as much shared disk bandwidth per 16 drive chassis.



SCALABILITY

Platform is designed to scale easily for today's dynamic video workgroups. Seamlessly grow your system from just 16TB to multiple petabytes and connect hundreds of users with no per seat licensing.



INTEGRATION FRIENDLY

Take advantage of the latest technology while protecting your previous investments. Platform integrates easily with existing IT infrastructure. Utilize existing copper and fiber cabling and repurpose your old RAID arrays to create a multi-tier storage network.



NATIVE SUPPORT FOR ACTIVE DIRECTORY

Platform Servers run a Windows Server operating system enabling them to join an existing windows domain and thereby utilize existing user accounts and permissions schema.



EXTENSIBLE WORKFLOW SERVER






Create highly efficient and connected workflows with Platform at the hub of your digital facility. Designed with the flexibility to connect multiple systems and technologies, Platform can communicate with any TCP/IP connected devices and can host services, websites and software applications.



A BETTER USER EXPERIENCE

Creative groups including remote contractors can easily search and access content through a simple but powerful web interface, and administrators can manage workflows, monitor performance and control system functions from anywhere on the network.

Platform Family Comparison Chart



	PORTABLE	STUDIO	ONLINE 1000	ONLINE 2000	NEARLINE
BEST FOR	On set, on the road, 3rd Party Storage	Small Studio, Office Environment	Entry Level Power with good expansion	Ultimate power and expandability	Great capacity, fast access, economical
COMPATIBILITY					
Direct Edit with: Avid Media Composer, ProTools, FCP 7, FCP 10	Yes	Yes	Yes	Yes	No
Adobe Creative Cloud, Blackmagic Resolve, + many others	Yes	Yes	Yes	Yes	No
STORAGE CAPACITY					
Max TB per Chassis	2TB*	32TB	32TB	96TB	288TB
Max TB per Node (Raw)	*	64TB	96TB	384TB	864TB
Expansion Nodes	4	4	4	10	10
USER CONNECTIVITY					
Max 1GbE Direct connections	5	9	9	14	5
Max 10GbE Direct Connections	2	6	6	12	4
With Switch	Unlimited	Unlimited	Unlimited	Unlimited	Unlimited
STREAMING SPEEDS					
1080 Streams (ProRes 422, DNx115)	17	17	28	52	
4K Streams (ProRes 422, DNx115)	5	5	10	18	
MB/Sec Verified thru network ports to clients	400	400	650	1200	
CONNECTIVITY (ATTACHED STORAGE)					
Thunderbolt	Yes	Yes	Yes	Yes	No
USB 3.0	Yes	Yes	Yes	Yes	Yes
Firewire (400, 800)	Yes	Yes	Yes	Opt	Opt
eSata	Yes	Opt	Opt	Opt	Opt
Fibre Channel	Opt	Opt	Opt	Opt	Opt
SAS	Opt	Yes	Yes	Yes	No
PROCESSING POWER					
CPU Cores (Speed)	4 (3.5Ghz)	4 (3.5Ghz)	4 (3.5Ghz)	20 (2.3GHz)	8 (1.8GHz)
Upgrade	N/A	N/A	N/A	20 (3.5 GHz)	20 (3.5 GHz)
RAM	16GB	16GB	16GB	32-64GB	16GB
OPTIONS					
Drive Swap	No	Optional	Included	No	No
Internal LTO	No	Optional	Optional	External	External
Card Reader	No	Included	Optional	No	No
(4) 1TB SSD RAID	No	No	Optional	No	No

Platform Portable

Share Everything, Anywhere



On-set, in the hotel, or back in the studio, Platform Portable is the best way for teams to connect their existing attached storage and create a powerful but simple shared editing environment.

Platform Portable was designed to help on-the-go creative groups be more organized and efficient, enabling real-time sharing of media and greater collaboration no matter what the content and where it is located.

For the widest compatibility, storage devices can be easily connected to the server via Thunderbolt, USB, eSATA, FireWire and SAS. And all common file systems including Apple HFS+, FAT32 and NTFS are supported. Content from the attached drives can then be shared out to the workgroup over video optimized 1GbE and 10GbE connections using the ProMAX Platform Software.

Compatible with Mac OSX, Windows and Linux clients, the browser-based Platform software enables users to easily access content and manage the system from anywhere on the network. The software also serves to manage media assets for any storage devices that may be used with the system. Connected drives can be indexed and files catalogued for easy searching regardless of whether the drives are online or offline. In addition to reading the existing metadata, custom tags can be added to individual files and proxies can be generated for preview.

Platform Portable is built tough to perform on location and features a rugged steel construction with anti-static padding. It is lightweight and small enough to fit easily into airline overhead bins and each server comes with its own custom travel bag.

KEY FEATURES

Turn Existing Hard Drives into Shared Storage

Easily repurpose existing 3rd Party storage including Thunderbolt, FW, and USB drives to create a shared storage environment

Media Asset Management

Quickly find, preview, tag and organize your media assets with built-in Asset Management software.

Transcode Engine

Automatic proxy transcoding provides offline media preview, even on disconnected drives.

Onboard storage

Up to 2TB on board SSD storage.

Works with all drive formats

Supports HFS, HFS+, NTFS, FAT, FAT32 and exFat

Ready to Travel

Measuring just L(12.3") x W (18.4") x H (2.93") and weighing only 10.75lbs, Platform Portable is built road-ready and comes with a padded carry bag.

Platform Studio

Big Performance for Smaller Teams

Whisper-quiet and with a unique desktop form factor, Platform Studio is ideal for smaller studios looking for an affordable high-performance Workflow Server to upgrade their creative process.

The ProMAX Platform Studio Series is a High-Performance Workflow Server designed for smaller video workgroups to accelerate and improve their content creation process. It features powerful shared storage that is optimized for video professionals using Adobe Premiere, Avid Media Composer, Apple's Final Cut Pro and other creative software applications

Perfect for deployment in live editing environments, Platform Studio has a unique desktop form factor with near silent operation.

Additional content for StudioLorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque lacinia blandit nisl a tempus. Nulla condimentum lacinia velit, euismod vehicula mauris aliquam non. In vitae ante lacus. Vestibulum sit amet hendrerit odio. In convallis pellentesque elit, ut placerat dolor hendrerit eu. Duis facilisis elit lacus, vel euismod magna cursus et. Aliquam purus tellus, bibendum a arcu nec, feugiat viverra risus. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque lacinia blandit nisl a tempus. Nulla condimentum lacinia velit, euismod vehicula mauris aliquam non. In vitae ante lacus. Vestibulum sit amet hendrerit odio. In convallis pellentesque elit, ut placerat dolor hendrerit eu. Duis facilisis elit lacus, vel euismod magna cursus et. Aliquam purus tellus, bibendum a arcu nec, feugiat viverra risus.



KEY FEATURES

Industry Leading Desktop Performance

With near silent operation and utilizing a unique low latency protocol, Platform Studio delivers consistent, high quality streaming performance.

Easily Expandable

Expand up to 64TB per Node

Grows with your team

Connect up to nine 1GbE or six 10GbE direct editors or add a switch for more users. Get up to 22 Streams of 1080p or 5 streams of 4K direct editing.

Extensive Options for Direct Ingest

Ingest content simply with built in Card Reader and connectivity for Thunderbolt, USB 3.0, and Firewire.

Backup or Archive Direct to LTO

Optional built-in LTO provides simple backup and Archive to tapes holding 2.5 to 5 TB's each.

Platform Online

Faster Workflows, Better Creative

Supercharging your creative workflows, Platform Online gives video professionals the most powerful server in the industry, with storage performance for 4K & beyond, and huge CPU power to offload processor intensive tasks.

The ProMAX Platform Online Series is a High-Performance Workflow Server, designed for video professionals to accelerate and improve their content creation process. It features powerful shared storage that is optimized for video workgroups using Adobe Premiere, Avid Media Composer, Apple's Final Cut Pro and other creative software applications. Platform scales easily for workgroups of all sizes, is simple to deploy, and integrates seamlessly with existing IT infrastructure.

Now available in two models, the power of Platform Online is more accessible than ever.

Platform 1000

As an entry point into our highest server class product line, Platform 1000 brings the speed, reliability, and expandability of Enterprise Storage at an affordable price. With up to 32TB in the base model device, and the ability to expand the system with additional nodes into multiple Petabytes, you can be confident that your investment is secure. A true workflow server with ingest, transcoding, rendering and asset management built in, the Platform 1000 also boasts two 5.25" drive bays that can be optionally filled with LTO drives, Drive Swaps, Card readers or (4) 1TB SSD's for additional high speed scratch drive.

Platform 2000

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KEY FEATURES

The Most Power Workflow Server in the Industry

With huge CPU power, Platform Online is capable of ingesting, editing, transcoding, rendering and archiving simultaneously.

Class-Leading Safety and Redundancy

Safety and redundancy features include dual redundant mirrored SSD OS Drives, dual redundant power supplies, raid controller battery backup and USB recovery drive.

Onboard Render Power

Increase internal memory to 256GB creates a powerful remote render node for After Effects and Cinema 4D

Built-in Transcode Engine

Platform Servers feature a built-in transcode engine that can be upgraded to process up to 24 simultaneous transcodes. Create custom transcode workflows to convert media at ingest or for delivery with support for multiple formats.

Easily Scale Capacity, Users and Performance

Get up to XX Streams of 1080p or XX streams of 4K direct editing per Storage Group. Additional Storage Groups and Nodes for ultimate scale-out performance.

Platform Nearline

Think Bigger, Work Faster

Stop hoarding media on your 'Online' storage - scale your system with a high capacity, cost effective Nearline solution, delivering ultra-high speed data transfer and 'Enterprise' levels of data protection.

As digital file sizes continue to grow, video production groups face increasing storage requirements and higher costs. To solve this problem many facilities are utilizing high-capacity "Nearline" storage systems as part of a multi-tiered strategy to maximize data protection and reduce costs. As projects are completed on high performance 'Online' storage they are moved to 'Nearline' systems that offer a higher level of data protection at a far lower cost per terabyte.

The Platform Nearline Series is a high capacity, cost effective storage server that perfectly balances a high level of data protection with easy access to content that is not yet ready to be archived. Platform Nearline is ideal as a backup location or to easily augment the overall capacity of your storage network.

Platform Nearline integrates easily with existing Tier 1 SAN and NAS storage systems and can be used to augment storage capacity or as backup for other devices in a multi-tier storage environment.

Like other Platform products, Nearline is able to join an existing Windows domain and integrate natively with the Active Directory structure, utilizing the same users, groups and permissions that are already in place at an organization.



KEY FEATURES

Large Scale Data Capacity

Get a massive 288 TB storage density in a small 4U form factor with expandability up to 864TB per node. Scale up to multiple Petabytes with multi-node architecture.

Ultra-High Speed Data Transfers

Transfer data from other 10GbE connected servers on the network at near line speed (1GB/s).

Intuitive Operation

Transfer media projects between online storage and nearline storage with the intuitive browser software.

Offload intensive CPU tasks to save time

Powerful 20 core CPU's allow the nearline device to be used for transcoding and rendering.

Extensive Options for Direct Ingest

Ingest content simply with built in Card Reader and connectivity for Thunderbolt, USB 3.0, and Firewire.

Portable Specifications



SYSTEM	PORTABLE 100
Processors	Intel Xeon E3-1275 v3 3.50 GHz Processors
Total Cores [Logical CPUs]	4
Base RAM	8GB
System Drives	Intel 530 80GB Internal SSD
Power Supply	250W
I/O	
Storage Expansion Ports	2 x Thunderbolt 2.0 8 x USB 3.0 4 x USB 2.0 2 x eSATA 2 x FireWire 800 2 x FireWire 400 Optional SAS
Video Out	HDMI (w/DVI Adapter), Mini DP, DP
NETWORK & CONNECTIVITY	
Network	2 x 1GbE LAN Controllers
Optional Client Connectivity	2,4 Port 1GbE Copper 2,4,6 Port 10GbE Fiber 2,4 Port 10GbE Copper
PHYSICAL	
Dimensions	L (12.3") x W (18.4") x H (2.93")
Weight [Without Drives]	11lbs
Rack Space	4RU
Accessories Included	Padded Carrying Case HDMI to DVI Adapter Rack Mount Kit
ENVIRONMENTAL	
Ambient Operating Temperature	5°C (41°F) ~ 35°C (95°F)
Max Power Draw	5A @ 850BTU/hr

Studio Specifications



SYSTEM	STUDIO 800
Processors	Intel Xeon E3-1275 v3 3.50 GHz Processors
Total Cores [Logical CPUs]	4
Base RAM	16GB
System Drives	120 GB SSD
Power Supply	550W
I/O	
Storage Expansion Ports	2 x Thunderbolt 2.0 8 x USB 3.0 4 x USB 2.0 2 x FireWire 800 2 x FireWire 400
Video Out	HDMI (w/DVI Adapter)
NETWORK & CONNECTIVITY	
Network	2 x 1GbE LAN Controllers
Optional Client Connectivity	2,4 Port 1GbE Copper 2,4,6 Port 10GbE Fiber 2,4 Port 10GbE Copper
PHYSICAL	
Dimensions	L (16") x W (13.39") x H (13.39")
Weight [Without Drives]	35lbs
Rack Space	4RU
Accessories Included	HDMI to DVI Adapter
ENVIRONMENTAL	
Ambient Operating Temperature	5°C (41°F) ~ 35°C (95°F)
Max Power Draw	5A @ 900BTU/hr

Online Specifications



SYSTEM	ONLINE 1000	ONLINE 2000
Processors	Single Intel Xeon E3-1275 v3 3.50 GHz Processors	Dual Intel Xeon E5-2650 v3 2.30 GHz Processors *Upgradeable to E5-2687 V3
Total Cores [Virtual Cores]	4 [8]	20 [40]
Base RAM	16GB	32GB
System Drives	Dual 120 GB SSDs [Configured as RAID-1)	Dual 120 GB SSDs [Configured as RAID-1)
Power Supply	Dual Redundant 660W	Dual Redundant 850W
I/O		
IO Backplane	12G/6G SAS Drives	12G/6G SAS Drives
Storage Expansion Ports	2 x Thunderbolt 2.0 8 x USB 3.0 4 x USB 2.0 2 x FireWire 800 2 x FireWire 400	2 x Thunderbolt 2.0 6 x USB 2.0 5 x USB 3.0 Optional FireWire Optional Fibre Channel Optional SAS
Video Out	HDMI (w/DVI Adapter)	VGA
Storage		
Single Chassis Capacity (Raw)	32TB	80TB
Single Node Capacity (Raw)	96TB	386TB
NETWORK & CONNECTIVITY		
Network	2 x 1GbE LAN Controllers	2 X1GbE LAN Controllers
Optional Client Connectivity	2,4 Port 1GbE Copper 2,4,6 Port 10GbE Fiber 2 Port 10GbE Copper	2,4,6 Port 1GbE Copper 2,4,6 Port 10GbE Fiber 2, 4 Port 10GbE Copper
PHYSICAL		
Dimensions	L (28.5") x W (19") x H (5.25")	L (28.5") x W (19") x H (5.25")
Weight [Without Drives]	50lbs	53lbs
Rack Space	3RU	3RU
Accessories Included	Universal Rack Kit	Universal Rack Kit
ENVIRONMENTAL		
Ambient Operating Temperature	Ambient Operating Temperature	5°C (41°F) ~ 30°C (86°F)
Max Power Draw	8.5A @ 2900BTU/hr	8.5A @ 3200BTU/hr

Nearline Specifications



SYSTEM	NEARLINE 7000
Processors	Dual Intel Xeon E5-2603 v2 1.80 GHz Processors
Total Cores [Logical CPUs]	8
Base RAM	16GB
System Drives	Dual 120 GB SSDs [Configured as RAID-1)
Power Supply	Dual 850W
I/O	
Storage Expansion Ports	6 x USB 2.0 Optional FireWire Optional Fibre Channel Optional SAS
Video Out	VGA
NETWORK & CONNECTIVITY	
Network	4 X1GbE LAN Controllers
Optional Network Connectivity	2 Port 10GbE Fiber
PHYSICAL	
Dimensions	L (29") x W (19") x H (7")
Weight [Without Drives]	65lbs
Rack Space	4RU
Accessories Included	Universal Rack Kit
ENVIRONMENTAL	
Ambient Operating Temperature	5°C (41°F) ~ 30°C (86°F)
Max Power Draw	10A @ 3400BTU/hr

Support and Warranty

PROMAX PROCARE [SOFTWARE UPDATES & ASSURANCE]

Every Platform Online Server includes a 1 year ProCARE plan. ProMAX ProCARE plans ensure you have direct access to our Technical Support Group, Mon-Fri, 8am-5pm PST, and guarantees your team is working with the latest version of Platform software including all of the newest features, and functionality that we develop to improve your workflows. In addition, 24x7 ProCARE programs are available for our customers working in mission critical environments. We take pride in providing support that's as reliable and performance-driven as our systems.

HARDWARE WARRANTY

Platform Online Series includes a 3 year limited warranty on the server and components. Enterprise hard drives used by Platform carry a 5 year manufacturer warranty.