



Tech Specs

	Studio [X]	Studio [Y]
Max # of Modules	1	2
Share Module Support	✓	✓
DAM Module Support	✓	✓
Archive Module Support	✓	✓
Transcode Module Support	✓	✓
Processing and System		
Processor	Intel Xeon E3-1225v3 @ 3.2Ghz	Intel Xeon E3-1275v3 @ 3.5Ghz
Logical CPU Count	4	8
Turbo Clock	3.6Ghz	3.9Ghz
CPU Cache	8 MB	8MB
System QPI	5GT/s	5GT/s
Base RAM	8GB	16GB
System Drives	Crucial M500 128GB SSD	Crucial M500 128GB SSD
Recovery Module	USB	USB
Security	Active Directory Integration	Active Directory Integration
Operating System	Windows Server 2012 Essentials	Windows Server 2012 Essentials
Networking and Connectivity		
Maximum Direct Connect Clients	6	6
Connectivity Options	6 or 4 Port 1GbE Copper 2 Port 10GbE Fiber or 2 Port 10GbE Copper	6 or 4 Port 1GbE Copper 2 Port 10GbE Fiber or 2 Port 10GbE Copper
I/O Expansion Ports	Thunderbolt (2), FW800 (2), FW400 (1), USB3 (6)	Thunderbolt (2), FW800 (2), FW400 (1), USB3 (6)
Audio/Video Ports	HDMI (1), 8 Channel Audio I/O Ports	HDMI (1), 8 Channel Audio I/O Ports
DHCP Support	✓	✓
Environmental and Power		
Power Supply	550w	550w
Max Power Draw	5A @ 900 BTU/hr	5A @ 900 BTU/hr
Ambient Operating Temp	5°C to 35°C	5°C to 35°C
Noise	68db +/- 3db	68db +/- 3db
Physical Dimensions	13.39" x 13.39" x 16" (H x W x D)	13.39" x 13.39" x 16" (H x W x D)



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SHARE Module			
Member Disks	Western Digital Black @ 2/3/4 TB Capacities		
Raw Array Capacity	16TB	24TB	32TB
Useable Array Capacity	Approx. 12TB	Approx. 19TB	Approx. 25TB
RAID Configuration	RAID5	RAID5	RAID5

TRANSCODE Module		
	Studio [X]	Studio [Y]
Simultaneous Transcodes	2	2
Encoding to Apple ProRes	Platform [T1-16Z] Hardware Only	Platform [T1-16Z] Hardware Only
Max Cluster Nodes	Platform [T1-16Z] Hardware Only	Platform [T1-16Z] Hardware Only

Supported CODEC Formats			
CODEC	File Format	Encode From	Encode To
Apple ProRes	.MOV	✓	✓
AVC Intra 50 / AVC Intra 100	.MOV, MXF	✓	✓
AVID DNxHD	.MOV	✓	✓
DVCPRO25 / DVCPRO 50	.MOV, .AVI, .DV, .MXF	✓	✓
DVCPRO HD	.MOV, .AVI, .DV, .MXF	✓	✓
H.264	.MOV, .M4V	✓	✓
HDV	.MOV	✓	✓
MP3	.MOV	✓	✓
MPEG-4	.MOV, MP4	✓	✓
RED 2K	.MOV	✓	✓
XDCAM, XDCAM HD, XDCAM EX	.MOV, .MXF	✓	✓
XDCAM MPEG-4 Proxy	.MXF	✓	
Flash 8	.FLV	✓	✓
Flash 9 - H.264	.MOV, .MP4, .FLV	✓	✓

Minimum Client Computer Requirements			
	Mac	Windows	Linux
Operating System	10.6.8 (Snow Leopard)	Windows 7 64 bit	Contact ProMAX Sales
CPU	All Intel CPU's capable of	All Intel CPU's capable of	Intel CPU's running 64Bit Linux OS
RAM	8GB	8GB	8GB
Network Interface	1GbE or 10GbE	1GbE or 10GbE	1GbE or 10GbE