



PLATFORM

Tech Specs

	Platform [T1-16X]	Platform [T1-16Y]	Platform [T1-16Z]
Max # of Modules	2	3	4+
SHARE Module Support	✓	✓	✓
ARCHIVE Module Support	✓	✓	✓
DAM Module Support		✓	✓
Transcode Module Support		✓	✓
Processing and System			
Processor	Dual Quad Core Xeon E5-2603 v2 @ 1.8Ghz	Dual Eight Core Xeon E5-2650 v2 @ 2.6Ghz	Dual Twelve Core Xeon E5-2697 v2 @ 2.7Ghz
Logical CPU Count	8	32	48
Turbo Clock	1.8Ghz	3.4Ghz	3.5Ghz
CPU Cache	10MB	20MB	30MB
System QPI	6.4 GT/s	8 GT/s	8 GT/s
Base RAM	16GB	32GB	64GB
System Drives	Dual Crucial M500 128GB SSD Configured as RAID-1	Dual Crucial M500 128GB SSD Configured as RAID-1	Dual Crucial M500 128GB SSD Configured as RAID-1
Security	Active Directory Integration	Active Directory Integration	Active Directory Integration
Operating System	Windows Server 2012 64-bit	Windows Server 2012 64-bit	Windows Server 2012 64-bit
Networking and Connectivity			
Connectivity Options	6 Port 1GbE Copper 6 Port 10GbE Fiber 2 Port 10GbE Copper or Fiber	6 Port 1GbE Copper 6 Port 10GbE Fiber 2 Port 10GbE Copper or Fiber	6 Port 1GbE Copper 6 Port 10GbE Fiber 2 Port 10GbE Copper or Fiber
Max direct connected clients	16	16	16
Remote Management	✓	✓	✓
Management Port	Dedicated 1GbE on-board	Dedicated 1GbE on-board	Dedicated 1GbE on-board
DHCP Support	✓	✓	✓
Environmental and Power			
Power Supply	Dual Redundant 860W	Dual Redundant 860W	Dual Redundant 860W
Max Power Draw	8.5A @ 3200 BTU	8.5A @ 3200 BTU	8.5A @ 3200 BTU
Ambient Operating Temp	5°C to 30°C	5°C to 30°C	5°C to 30°C
Noise	68db +/- 3db	68db +/- 3db	68db +/- 3db
Physical Dimensions	5.25" x 19" x 28.5" (H x W x D)	5.25" x 19" x 28.5" (H x W x D)	5.25" x 19" x 28.5" (H x W x D)
Rackspace	3U	3U	3U



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T1 SHARE Module			
Member Disks	Western Digital Enterprise SE @ 2/3/4 TB Capacities		
Raw Array Capacity	32TB	48TB	64TB
Useable Array Capacity	Approx. 25TB	Approx. 36TB	Approx. 50TB
RAID Configuration	RAID5 + Hot Spare	RAID5 + Hot Spare	RAID5 + Hot Spare
Maximum # Expansion Chassis	3	3	3

TRANSCODE Module			
	Platform [T1-16X]	Platform [T1-16Y]	Platform [T1-16Z]
Simultaneous Transcodes	Platform [Y] and [Z] Hardware Only	16	16
Encoding to Apple ProRes		ProRes 422, ProRes HQ	ProRes 422, ProRes HQ
Max Cluster Nodes		8	8

Supported CODEC Formats			
CODEC	File Format	Encode From	Encode To
Apple ProRes	.MOV	✓	✓
AVC Intra 50 / AVC Intra 100	.MOV, MXF	✓	✓
AVID DNxHD	.MOV	✓	✓
Blackmagic 8 & 10 bit	.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	.R3D	✓	
XDCAM, XDCAM HD, XDCAM EX	.MOV, .MXF	✓	✓
XDCAM MPEG-4 Proxy	.MXF	✓	
PCM	.AVI	✓	✓
Xvid	.AVI	✓	✓
WMA, WMA Pro	WMV	✓	✓
Flash 8	.FLV	✓	✓
Flash 8	.SWF	✓	✓
Flash 9 - H.264	.MOV, .MP4, .FLV	✓	✓
AAC	.MP4, .M4V	✓	✓



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ARCHIVE Module			
	Max Tapes	Max Tape Drives	Capacity
ARCHIVE 8 - LTO5	8	1	12TB
ARCHIVE 8 - LTO6	8	1	20TB
ARCHIVE 24 - LTO5	24	2	36TB
ARCHIVE 24 - LTO6	24	2	60TB
ARCHIVE 48 - LTO5	48	4	72TB
ARCHIVE 48 - LTO6	48	4	120TB



ARCHIVE Module 8



ARCHIVE Module 24



ARCHIVE Module 48

DAM Module			
	Platform [T1-16X]	Platform [T1-16Y]	Platform [T1-16Z]
Mac Support	✓	✓	✓
Windows Support	✓	✓	✓
Web Access		✓	✓
Archival/Tape Library Management		✓	✓
Proxy Generation/Automation		✓	✓

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