



RAVE SYSTEMS RACKMOUNT Titan 1820S

Key Features Include:

- Tyan S2882 Motherboard
- Single or Dual AMD Opteron Socket 940 Processors
- Onboard Adaptec Dual Ultra320 SCSI Controllers
- Onboard Dual ATA/133 IDE Controllers
- Onboard Serial ATA Controller
- Onboard Broadcom Dual Gigabit LAN and One Intel 10/100 LAN Controllers
- Onboard ATI 8MB Rage XL Video
- One PCI-X 64-bit 133/100/66 MHz Slot
- Supports Windows 2003, 2000, XP and Linux (Kernel 2.4 or Later) 32-bit Only
- Up to 16GB PC3200 DDR Memory
- 400 Watt Power Supply
- Four Hot-Swappable SCSI Drive Trays
- Two Year Warranty

Rave Systems Rackmount 1U Titan 1820S

Rave Systems Rackmount 1U Titan 1820S provides increased storage, reliability, and power in a small form factor. Accelerated by one or two AMD Opteron socket 940 processors and up to 16GB of RAM, the Rave Systems Titan 1820S delivers performance in a small 1U form factor. The Rave Systems Titan 1820S features best-of-breed components from industry leading manufacturers. This combination delivers robust and reliable performance. Operating on Windows or Linux, the Rave Systems Titan 1820S is ideal for a vast array of heterogeneous computing functions.

Custom Built By Rave Computer

Tyan's S2882 motherboard supports one or two 64-bit AMD Opteron processors. Integration into Rave's 1U 4 bay rackmount chassis provides a reliable cost-effective multi-processor solution. The Rave Systems Rackmount Titan 1820S provides steady performance with expanded connectivity. The robust motherboard includes Broadcom dual Gigabit LAN controllers, one Intel 10/100 LAN controller, Adaptec dual Ultra320 SCSI controllers, dual ATA/133 IDE controllers, Serial ATA controller, and one 64-bit PCI-X slot. The motherboard also features an ATI 8MB Rage XL graphics accelerator, two PS/2 ports, two USB ports, one parallel port, and one serial port.

The rackmount chassis is an attractive 1U form factor steel enclosure with twelve high volume 40mm fans to provide exceptional cooling capabilities. The system can be integrated with power supplies tested for 400Hz operation. The chassis comes standard with a 400 watt power supply, four 3.5" low-profile front removable hot-swappable drive bays, one slimline 1.44MB floppy drive, and one 5.25" drive bay for slimline CD-ROM or CD-RW/DVD-ROM combo drive.

TYAN



Rave Computer Association, Inc.
1-800-966-7283

36960 Metro Court, Sterling Heights, MI 48312
Web site: www.rave.com
e-mail: info@rave.com

Rave Computer -- "Bringing Your Vision Into Reality!"

RAVE SYSTEMS RACKMOUNT TITAN 1820S



**RAVE COMPUTER
ASSOCIATION, INC.**
Headquarters
1-800-966-7283

Rave Financial Services
1-800-500-7283

e-mail
info@rave.com

SPECIFICATIONS

MOTHERBOARD	Tyan S2882UG3NR
PROCESSOR	Single or Dual AMD Opteron Socket 940
SYSTEM MEMORY	
Memory Type	PC3200 DDR, Error Checking and Correcting (ECC) (Eight Slots)
Maximum Supported	16GB
EXPANSION SLOTS	
PCI-X	One 64-bit 133/100/66 MHz Slot
ONBOARD GRAPHICS	
	ATI 8MB RageXL Graphics Accelerator or Serial Console Redirection with 15-pin VGA Connector
ONBOARD INTERFACES	
Network	Two Broadcom Gigabit LAN and One Intel 10/100 LAN Controllers with Rearpanel RJ45 Connectors
SCSI	Two Adaptec Ultra320 SCSI Controllers
IDE	Two ATA/133 IDE Controllers
SATA	Serial ATA Controller
Serial	One 9-pin Serial Port
Parallel	One Parallel Port
USB	Two USB Ports
PS/2	Two PS/2 Ports
FRONT ACCESSIBLE STORAGE	
	One 5.25" Bay for Slimline CD-ROM or CD-RW/DVD-ROM Four 3.5" Bays for Removable Disk Drives One 3.5" Bay for Slimline 1.44MB Floppy
SOFTWARE	
Operating System	Windows 2003, 2000, XP, or Linux (Kernel 2.4 or Later) 32-bit Only
CHASSIS	
Form Factor	1U
Physical Size	17"W x 1.72"H x 26.5"D
Weight	23 lb
Cooling Fans	Twelve 40mm
POWER SUPPLY	
	Single 400 Watt Optional Power Supply Tested for 400Hz Operation
ENVIRONMENT	
Minimum Operating Temp.	0° C (32° F)
Maximum Operating Temp.	55° C (131° F)



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