



Video Appliances built on the award winning [SUPERMICRO](#) server platforms

SUPERMICRO®

VMS Video Appliance

V26 Series Specifications



Key Features

1. Dual CPU sockets, Intel® 5500/5600 series Xeon® Quad-Core, with QPI up to 6.4 GT/s
2. DDR3 1333/ 1066/ 800MHz Up to 48GB ECC Registered/ 24GB ECC Un-Buffered RAM
3. 2 (x8) PCI-E 2.0 (1 in x16 slot),
1 (x4) PCI-E 2.0 (in x8 slot), 1 (x4) PCI-E (in x8 slot)
2x 33MHz PCI slots
4. 2x Intel® 82574L Gigabit Ethernet Controllers
5. 8 x 3.5" SAS/SATA Hot-swap Drive Bays
6. 700W or better (1+1) Redundant High-Efficiency Power Supply with PFC

Specifications

Processor

- Dual LGA 1366 Sockets
- Supports Quad-Core Intel® Xeon® Processor 5500/5600 series

System Memory

- 6x 240-pin DIMM sockets
- Supports up to 48GB 1333/ 1066/ 800MHz DDR3 ECC Registered memory, or up to 24GB 1333/ 1066/ 800MHz DDR3 ECC Un-Buffered SDRAM
- Three Channel Memory Bus
- Error Detection – Corrects single bit errors, Detects double bit errors (using ECC memory) and Supports Intel® SDCC

On-Board Devices

- Intel® 5500 Tylersburg chipset
- Intel ICH10R SATA 3.0Gbps Controller - RAID 0, 1, 5, 10 support for Windows, RAID 0, 1, 10 support for Linux
- 2x Intel® 82574L Gigabit Ethernet Controllers; supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
- Matrox G200eW Graphics
- Super I/O – Winbond 83827HF chip

Health Monitoring

- Monitors for CPU Cores, +1.8V, +3.3V, +5V, ±12V, +3.3V Standby, +5V Standby, HT, Memory, Chipset Voltages
- 4-Phase-switching voltage regulator
- Temperature monitoring for CPU and chassis environment
- Thermal Control for 6x fan connectors
- PECI
- Chassis intrusion detection
- Total six fan headers supporting up to six fans with tachometer monitoring
- Low noise fan speed control

System Cooling

- 3x 80mm 6300 RPM PWM fans

Expansion Slots

- PCI-Express – 2 (x8) PCI-E 2.0 (1 in x16 slot)
- 1 (x4) PCI-E 2.0 (in x8 slot)
- 1 (x4) PCI-E (in x8 slot)
- PCI – 2x 33MHz PCI slots

Input / Output

- Optional 8 SAS/SATA ports
- Six Serial ATA ports supports six SATA hard drives supported
- 1 Floppy controller; 1.44MB
- 2x RJ45 LAN ports
- 2x USB rear ports, 1x USB on-board, 2x USB internal headers
- Total 5 USB 2.0 compliant
- 1x VGA port
- PS/2 keyboard and mouse ports
- 1 Fast UART 16550 serial port
- 1 Fast UART 16550 serial header (option)

Dimensions

- 2U Rackmount Form Factor
- HxWxD – 3.5"x17.2"x25.5" (89mmx437mmx648mm)
- Gross Weight – 50lbs (22.7kg)

Power Supply

- 700W (1+1) Redundant high-efficiency power supply w/ PFC
- AC Input – 100-240V, 50-60Hz, 10-4A
- DC Output – 4A @ +5V standby, 57A @ +12V
- +5V – 30A, -12V – 0.6A, +3.3V – 24A

Operating Environment / Compliance

- RoHS Compliant
- Operating Temperature: 10° to 35°C (50° to 95°F)
- Operating Relative Humidity: 8% to 90% (non-condensing)