



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



VW Video Appliance

VWFT Series Specifications



Key Features

1. Intel® 5500/3500 series Xeon® Quad/Dual-Core, Core™ i7/ i7 Extreme Edition
2. QPI up to 6.4 GT/s
3. DDR3 1333/ 1066/ 800MHz Up to 24GB ECC/ non-ECC Un-Buffered RAM
4. Up to 4 (x16) PCI-E 2.0
Up to 2 (x4) PCI-E (in x8 slot)
5. Supports up to 8 Monitors
6. Up to 8x 3.5" SAS/SATA Hot-swap Drive Bays
7. 665W to 1400W (1+1) Redundant High-Efficiency Power Supply with PMBus

Specifications

Processor

- Dual or Single LGA 1366 Sockets
- Supports Quad-Core Intel® Xeon® Processor 5500/3500 series, Intel® Core™ i7/ i7 Extreme Edition

System Memory

- 6x 240-pin DIMM sockets
- Supports up to 24GB 1333/ 1066/ 800MHz DDR3 ECC/ non-ECC Un-Buffered memory
- 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® X58 Express chipset
- Intel ICH10R SATA 3.0Gbps Controller
- RAID 0, 1, 5, 10 support
- 2x Intel® 82574L Gigabit Ethernet Controllers; supports 10BASE-T, 100BASE-TX, and 1000BASE-T, RJ45 output
- Realtek ALC883 7.1 HD audio
- Super I/O – Winbond 83627DHG 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

- 4x 5000RPM Hot-swap Cooling Fans
- 2x 5000RPM Hot-swap Rear Exhaust Fans

Expansion Slots

- PCI-Express – Up to 4 (x16) PCI-E 2.0 slots
- 1 (x4) PCI-E (in x8 slot)
- PCI-X – 2x 64-bit 133/100MHz PCI-X (3.3V) slots
- PCI – 1x 32-bit PCI slot

Input / Output

- 4 to 8 SAS/SATA ports
- Six Serial ATA ports supports six SATA hard drives supported
- 1 Floppy controller; 1.44MB
- 2x RJ45 LAN ports
- 8x USB rear ports, 2x USB on-board, 1x USB internal header (2 ports), Total 12 USB 2.0 compliant
- Realtek ALC883 7.1 HD audio
- 1x S/PDIF digital output
- PS/2 keyboard and mouse ports
- 2 Fast UART 16550 serial header

Dimensions

- Full-Tower Form Factor
- WxHxD – 7"x17.8"x26.5" (178mmx452mmx673mm)
- Gross Weight – 72lbs (32.7kg) minimum

Power Supply

- 1100W high-efficiency power supply w/ PFC
- AC Input – 100-240V, 50-60Hz, 9.5-13.5A
- DC Output – 4A @ +5V standby, 92A @ +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)