

REDDWARE

Specializing in application-optimized server storage and workstation design-builds tailored to exceed your security requirements. Our security industry experience allows us to deliver higher performance machines tested and custom-built specifically to your Access Control, AI and VMS requirements.



Powerful Performance, Trusted and Verified

ReddWare brings over a decade of listening, observing, testing and customization experience from Fortune 500 customers who require more than commercial off-the-shelf security machines for leading Access Control, AI and VMS security platforms. Our high performance workstations and servers were developed and proven by over 100,000 hours of real world testing in demanding environments.

Customized Approach

RFTS-8 is a Mission Critical Video Workstation ready for all enterprise class VMS platforms such as Avigilon, Genetec, IndigoVision, Milestone, Qognify, and more. RFTS-8 workstations come standard with dual power supplies providing high availability and reliability. As camera resolution quality and video analytics improve, ongoing research and development at Redd Ash labs ensure future-proof solutions. RFTS-8 workstations are also designed for modular upgrades when necessary.

Versatile

The new RFTS-8 improves upon the processing power of its predecessor. The RFTS-8 is a custom designed rack mounted solution. The unit is designed to meet the demanding needs of modern enterprise video surveillance platforms and is equipped with redundant power supplies. This workstation is ideal for video surveillance in challenging environments like high speed coasters, casinos and other real time environments that require high frame rate video viewing.

Video Surveillance Workstation

- ▶▶ Built on the award winning SUPERMICRO enterprise workstation platform
- ▶▶ US-Based Engineering and Manufacturing
- ▶▶ Certified to ISO 9001:2015 and ISO 13485:2016 standards
- ▶▶ Environmental Management System certified to ISO 14001:2015 standard.
- ▶▶ Powered by Nvidia technology
- ▶▶ 3-5 year advanced replacement warranty
- ▶▶ Redundant Power Supplies
- ▶▶ High frame rate requirements

Feature	Technical Specification	
Form Factor	4U Rackmount	
Dimensions and Weight	WxHxD - 7"x17.2"x20.5" (178mmx437mmx521mm) Gross Weight - 72lbs (32.7kg) minimum	
Processor	Intel i series / Xeon	
Memory	Minimum 32 GB DDR4 System Cache for added performance Up to 1TB+ ECC 3DS LRDIMM, 256GB ECC RDIMM	
Video Card	Nvidia GTX/RTX	
On-Board Devices	Intel® C622 chipset RAID 0, 1, 5, 10 support for Windows 2x Gigabit Ethernet Ports via Intel i210	
Distributo, PMBus 1.2, 12C, and PFC	AC Input - 100-240V, 50-60Hz, 7.5-3.0A DC Output - 3A @ +5V standby, 50A @ +12V With Power Distributor - 30 A @ +5V, 28A @ +3.3V, 0.6A @ -12V	
Health monitoring	Monitors for CPU Cores, +3.3V, +5V, +12V,+3.3V Standby, +5V Standby, VBAT, Memory Voltages 5-Phase-switching voltage regulator Temperature monitoring for CPU and chassis environment	Thermal Control for 7x fan connectors PECI Chassis intrusion detection Status monitor for fan speed control Pulse Width Modulated (PWM) fan connectors
System Cooling	1x Front 9cm Intake Cooling Fans 2x Rear 8cm Exhaust Cooling Fans	
Input/Output	2x RJ45 LAN ports 2x USB front ports, 6x USB rear ports 1x COM port	2x SuperDOM (Disk on Module) ports 1x TPM 1.2 20-pin Header
Power Supply	660W Redundant High-Efficiency Power Supplies w/ Power	USA - UL listed, FCC Canada - CUL listed Germany - TUV Certified Europe/CE Mark EN 60950/IEC 60950-Compliant
Expansion Slots	2x PCI-E 3.0 x16 1x PCI-E 3.0 x4 (in x8) 1x PCI-E 3.0 x8 (in x16) 1x PCI-E 2.0 x4 (in x8)	
Operating Environment / Compliance	Operating Temperature: 5° to 35°C (41° to 95°F) Operating Relative Humidity: 8% to 90% (non-condensing)	