

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 off-the-shelf security machines for leading VMS, Access Control and AI 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

RTWS is a High Performance Video Workstation ready for leading enterprise class VMS, Access Control and AI platforms. As camera resolution quality and video analytics improve, ongoing research and development at Redd Ash labs ensure future-proof solutions. RTWS workstations are also designed for modular upgrades when necessary.

Versatile

The new RTWS improves upon the processing power of its predecessor. The RTWS is custom designed to meet the demanding needs of modern enterprise video surveillance platforms. 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 Platform
- ▶▶ US-Based Engineering and Manufacturing
- ▶▶ Certified to ISO 9001:2015, ISO 13485:2016, ISO 14001:2015 standards.
- ▶▶ Powered by Nvidia Technology
- ▶▶ 3-5 Year Advanced Replacement warranty
- ▶▶ High Camera Density Environments
- ▶▶ High Frame Rate Requirements

Feature	Technical Specification
Form Factor	Mid-Tower
Dimensions and Weight	WxHxD - 7.9"x18.1"x19.4" (201mmx460mmx493mm) Net Weight: 22.27 lbs (10.1 kg) Gross Weight: 28.22 lbs (12.8 kg)
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® C612 chipset 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 PECCI 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 x8 (in x16) 1x PCI-E 3.0 x4 (in x8) 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)