

## 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

The ReddWare UHD Hybrid Workstation RAID5 NVR is a first of its kind, combining both a high performance workstation and up to 24TB NVR. Supporting two monitors each displaying up to 16 simultaneous UHD 30 f.p.s. video streams with an impressive 225Mbps data bandwidth. Designed, tested and thoroughly proven to ensure your security surveillance system will run at the peak performance guaranteed. ReddWare's performance Hybrid Workstations are purpose built to enable standalone operation requiring high performance or integrating into a much larger surveillance infrastructure.

## Versatile

Professionally manage video with proven design enhanced storage that exceeds commercial off-the-shelf performance, reliability and superior quality. Design built to the ultimate standards of resilience, availability and Ultra High Resolution Support. With today's higher resolution cameras, access control, interactive maps and artificial intelligent requirements you need the proven design of ReddWare to confidently view, record video and manage your site, think of it as your Control Center in one neat box.

## Hybrid Video Recorder

- ▶▶ Built on The Award Winning SUPERMICRO Platform
- ▶▶ US-Based Engineering and Manufacturing
- ▶▶ Certified to ISO 9001:2015, ISO 13485:2016 and ISO 14001:2015 Standard
- ▶▶ RAID 5
- ▶▶ Up to 24TB Storage
- ▶▶ IPMI Management Interface
- ▶▶ Dual 1GB NIC
- ▶▶ Redundant Power Supplies
- ▶▶ 3-5 Year Advanced Replacement Warranty
- ▶▶ Advanced Hardware Health Monitoring
- ▶▶ Powered by NVIDIA Technology

Feature	Technical Specification												
Form Factor	Mini Tower												
Dimensions and Weight	HxWxD - 9.45"x8.27"x11" (240mmx210mmx279mm) Gross Weight 15lbs (6.8kg)												
Processor	Single Socket Intel i series Processor												
Memory	2 Dimm slots Up to 64GB Unbuffered non-ECC SO-DIMM, DDR4-2666MHz												
On-Board Devices	Intel® Q370 chipset Q370 controller for 5 SATA3 ports; RAID 0, 1, 5, 10 Single LAN with Intel® Ethernet Controller I210-AT Single LAN with Intel® PHY I219LM LAN controller ALC888S HD Audio HDMI, DVI, Display Port												
Health monitoring	Monitors for CPU Cores, Chipset Voltages, Memory. 4+1 Phase-switching voltage regulator Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Monitoring for CPU and chassis environment Thermal Control for fan connectors												
System Cooling	12 CM x12 CM fan												
Input/Output	<table border="0"> <tr> <td>5 SATA3 (6Gbps) ports via PCH</td> <td>1 DP (Display Port)</td> </tr> <tr> <td>2 RJ45 Gigabit Ethernet LAN ports</td> <td>1 eDP (Embedded Display Port)</td> </tr> <tr> <td>4 USB 3.1 (2 type A and 2 type C in rear)</td> <td>2 COM ports support</td> </tr> <tr> <td>1 DVI - D port</td> <td>RS-232/422/485</td> </tr> <tr> <td>1 HDMI port</td> <td>HD Audio (Mic In / Line Out)</td> </tr> <tr> <td></td> <td>1 TPM Header &amp; Chip</td> </tr> </table>	5 SATA3 (6Gbps) ports via PCH	1 DP (Display Port)	2 RJ45 Gigabit Ethernet LAN ports	1 eDP (Embedded Display Port)	4 USB 3.1 (2 type A and 2 type C in rear)	2 COM ports support	1 DVI - D port	RS-232/422/485	1 HDMI port	HD Audio (Mic In / Line Out)		1 TPM Header & Chip
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Power Supply	250W Flex ATX Multi-output Bronze Power Supply												
Expansion Slots	1 PCI-E 3.0 x16 (Low-profile) M.2 M key: PCI-E 3.0 x4, NVMe support 2242/2280 length M.2 E Key: PCI-E 3.0 x1, support 2230 length												
Operating Environment / Compliance	RoHS Compliant Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Operating Relative Humidity: 20% to 95% (non-condensing)												