SentryWire - Tactical

Maximum Performance and Storage
In Tough Environments

Network packet capture, graphics, or other processing-intensive applications like geospatial imagery analysis, UAV ground control, or HD digital video processing require very powerful computer hardware.

However, for mobile deployments where size, weight, power, and cooling (SWaP-C) are a concern, typical rackmount servers are just too large, heavy and power consuming.

The SentryWire Tactical is the perfect solution to overcome these problems.

Compact, rugged SentryWire Tactical systems are designed to handle the same demanding tasks normally assigned to full-sized systems. Now you can replace larger rackmount hardware with an all-in-one workstation that is easier to transport and set up.

The modular, scalable SentryWire Tactical system can be outfitted with the latest Intel multi-core processors, high-capacity/performance memory, full-size PCI Express 3.0 cards, and up to (16) removable enterprise-class SSD, SAS, or SATA drives.

Rugged design for demanding mission-critical applications in any environment

Up to 16 easy-access removable hard drives with RAID

Up to 7 combined full-length PCI Express slots

Integrated 17.3" (439.42mm) 1920x1080 LED LCD and optional swing-out displays

Available CPUs	Single or dual Intel® Xeon or single Intel® Core™ i7
Memory	Up to 256GB DDR4 2133MHz RAM
PCI Expansion	Up to (7) full-length PCI Express 3.0 slots
Storage	Up to (16) no-tools removable drives; SATA, SAS, or Solid State Drives plus up to (2) fixed internal hard drives
Available Drive Capacities / Features	• SATA up to 2TB each • SAS up to 2TB each (or 10K RPM up to 1.8TB each) • Solid State Drives up to 4TB each • Encryption options available
RAID	Onboard SATA RAID 0/1/5/10, or via add-on PCIe RAID controller
Optical Drive	Internal DVD±RW or Blu-Ray RW
Display	• Integrated 17.3" (439.42mm) LED LCD with up to 2 additional swing-out displays (1920x1080 each) • Optional capacitive touchscreen (center display only) • Support for external displays
Operating Systems	• Windows 2012 and 2016 server, Windows 7 Pro/Ultimate, Windows 8.1 Pro/Ultimate, and Windows 10 Pro • CentOS, Red Hat and other Linux distributions • VMware vSphere Hypervisor (ESXi) and other virtualization environments
Power	700W 100/240V 50/60Hz auto-switching 80 PLUS rated power supply
Environmental	Based on typical configurations. Custom configuration results may vary: • Operating: 0°C–40°C / 32°F–104°F. Non-Operating: -20°C–70°C, -4°F–158°F. • Relative humidity (5-95%) non-condensing • Shock: Mechanical shock: ≤10g, 11ms, Terminal sawtooth, operating; Transit shock: 18" drop • Vibration: ≤0.04g2/Hz, 20Hz–1,000Hz; -6dB/octive 1,000Hz–2,000Hz
Filtration	Optional dust filter kits are available. Filtration material features cable exits for system operation while the filters are attached
Regulations	FCC Class A, and CE. Certified TUV
Physical	• 8.67" (220.22mm) D x 19.18" (487.17mm) W x 16.55" (420.37mm) H • Weight: ~ 48lbs. (21.77kg), depending on configuration
Carrying Cases	Optional padded carrying cases or rugged rolling transit cases available