



DATA SHEET



HPS-4U-W RACK SERVER

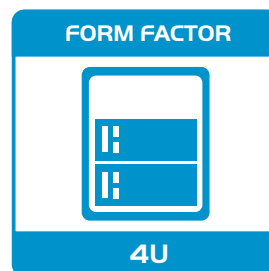
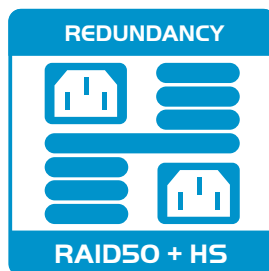
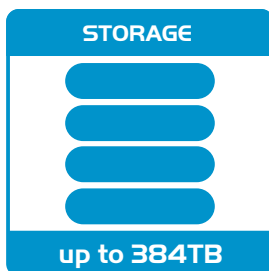
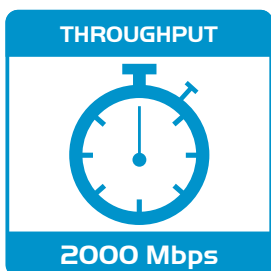
Secure Logiq's 'Analytics Optimised' servers fulfil the requirement for an Enterprise server range with improved processing capabilities, designed and optimised for video analytics. Featuring the latest edition Xeon W processor for highest clock speed and 32GB DDR4 RAM the W series is designed for multiple channels of heavy duty server based video analytics as well as the HD video processing and storage function. With up to 384TB useable storage after RAID in a 4U chassis the W Series products carry all of the mission critical resilience you would expect from Secure Logiq including Dual Redundant PSU, OS and application on 2 x SSD in RAID1 and our in-house Logiqal Healthcheck software. This unit can also be upgraded with up to 3 x GPUs for Video Content Analytics utilising GPU offloading.



BENEFITS

- Available in 4U up to 384TB
- 32GB DDR4 ECC Server Memory
- Xeon W series 10 core processor
- Redundant 1+1 PSU
- RAID Battery Backup
- RAID50 + Hot Spare High Performance Storage Array
- 2000Mbps recording throughput rating
- Win Server 2016 64bit
- Dual 10 Gigabit LAN + Dual Gigabit LAN
- Operating system runs on 2 x SSD in RAID1

FEATURES



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Electrical

PSU Type	Redundant 1+1 1200W
AC Voltage	100 - 240V, 50 - 60Hz
Certification	80 Plus Certified Platinum

Mechanical

Form Factor	4U Rackmount
Dimensions / HxWxD	178mm x 437mm x 699mm [7" x 17.2" x 27.5"]
Weight	38kg (without hard drives)

Environmental

Operating temperature	5 - 35°C (50 - 95°F)
Storage temperature	-40 - +60°C (-40 - 158°F)
Humidity range	8 - 90% non-condensing
Storage humidity range	5 - 95% non-condensing

Regulatory (Power Supply)

Power Supply Safety/EMC	USA - UL listed, FCC Canada - CUL listed Europe/CE Mark EN 60950/IEC 60950-Compliant
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Other

Included accessories	Power cables Rack mount kit Keyboard and mouse
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Operating system

Windows Server 2016 R2 64bit

RAID Control System

Advanced 12Gbps SAS3 hardware RAID with battery backup

Hard drive configuration

RAID 50+Hot-spare for storage array
2 x 120GB SSD in RAID 1 for OS drives
Alternative RAID combinations available on request

Storage (Raw usable after RAID applied)

Up to 384TB raw usable after RAID 50 + HS applied

Processor

Intel Xeon W Series 10 core Processor

Memory

32GB DDR4 quad-channel ECC Server Memory

Network

Dual 10 Gigabit LAN interface (copper) + Dual Gigabit LAN (copper) - SFP/SFP+ available on request

Graphics

nVidia 1050Ti 4GB Graphics for hardware offloading

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SECURE LOGIQ LIMITED

Address

Unit 14, The Tramsheds
Coomber Way, Croydon, CR0 4TQ
United Kingdom

Contact

+44 (0) 20 3475 5743
info@securelogiq.com
www.securelogiq.com