# HPS-2U-W ANALYTIC 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 generation Intel Xeon Workstation processors for highest clock speed and 32 GB 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 120TB useable storage after RAID 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 Pro software. Up to 3 integrated nVidia Graphics cards enhance the analytics capabilities with optimal GPU offloading and allows the unit to be used as a workstation if required.

BENEFITS

- Available in 2U up to 120TB
- 32GB DDR4 ECC Server Memory
- Xeon W Series 10-core processor
- Redundant 1+1 PSU
- Hardware RAID with Battery Backup
- 2GB nVidia Graphics - upgradable upon request
- RAID5 + Hot Spare Storage Array
- 700Mbps throughput rating
- Windows Server 2016 64bit (other OS available upon request)
- Dual 1 Gigabit LAN
- OS and Application runs on 2 x SSD in RAID1

FEATURES

THROUGHPUT	STORAGE	REDUNDANCY	FORM FACTOR	BENCHMARK
700 Mbps	up to 120TB	RAID5 + HS	2U	ULTRA - 21832
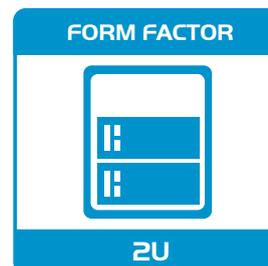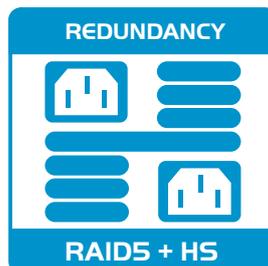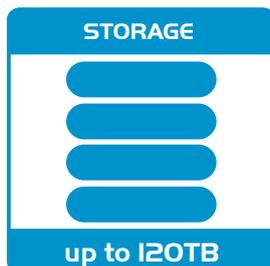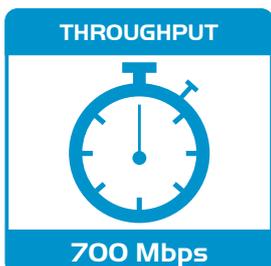
HPS-2U-W RACK SERVER
DATA SHEET

Electrical

PSU Type	Redundant 1+1 800W
AC Voltage	100 – 240V, 50 – 60Hz
Certification	80 Plus Certified Platinum

Mechanical

Form Factor	2U Rackmount
Dimensions / HxWxD	89mm x 437mm x 648mm [3.5" x 17.2" x 25.5"]
Weight	26kg (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

Other

Included accessories	Power cables
	Rack mount kit
	Keyboard and mouse

Operating system

Windows Server 2016 64bit

Graphics

2GB nVidia Quadro GPU - 3 x mini-Displayport 1.4 outputs

Hard drive configuration

RAID 5+Hot-spare for storage array
2 x 250GB SSD in RAID 1 for OS and application

Storage (Raw usable after RAID applied)

HPS-2U-W24 = 24TB
HPS-2U-W30 = 30TB
HPS-2U-W36 = 36TB
HPS-2U-W40 = 40TB
HPS-2U-W48 = 48TB
HPS-2U-W56 = 56TB
HPS-2U-W64 = 64TB
HPS-2U-W72 = 72TB
HPS-2U-W80 = 80TB
HPS-2U-W100 = 100TB
HPS-2U-W120 = 120TB

Processor

Intel Xeon W Series - 10 core

Memory

32GB DDR4 ECC Server Memory

Network

Dual 1 Gigabit LAN interface - Copper Rj45

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