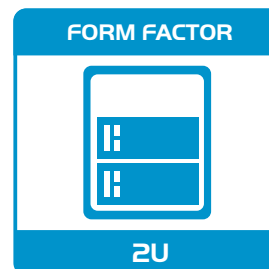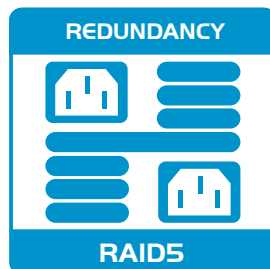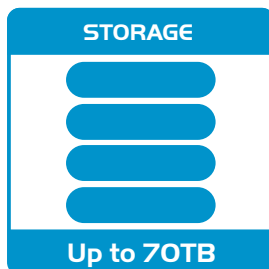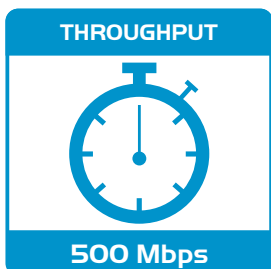# HPS-2U8G-U RACK SERVER

Designed exclusively for small to medium HD surveillance applications the HPS-2U8G-U range is a 2U rack-mount value server featuring high performance components in a cost-effective platform. This unit is ideal to use in situation where an appliance or low value NVR would normally be utilised and comes complete with a GPU for off loading or running lite analytics as well as connecting monitors which allows the server to be used in a diverse range of system configurations.

BENEFITS

- Available in 2U with up to 70TB Storage
- 16GB DDR4 ECC Server Memory
- Intel 9th Gen i7 Processor
- Hardware RAID
- RAID5 Storage Array
- 500Mbps throughput rating
- Windows 10 Pro 64bit
- Dual 1 Gigabit LAN
- OS and Application runs on Solid State Disk

FEATURES

THROUGHPUT	STORAGE	REDUNDANCY	FORM FACTOR	BENCHMARK
500 Mbps	Up to 70TB	RAID5	2U	HIGH - 13342

HPS-2U8G-U RACK SERVER

DATA SHEET

Electrical

PSU Type	High Efficiency 500W
AC Voltage	100 – 240V, 50 – 60Hz
Certification	80 Plus Certified Gold

Mechanical

Form Factor	2U Rackmount
Dimensions / HxWxD	89mm x 437mm x 648mm [3.5" x 17.2" x 25.5"]
Weight	24kg (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 cable Rack mount kit Keyboard and mouse

Operating system

Operating system	Windows 10 Pro 64bit

RAID Control System

Advanced 6Gbps SAS2 hardware RAID

Hard drive configuration

RAID 5 for storage array
250GB NVMe SSD for OS/Application

Storage (Raw usable after RAID applied)

HPS-2U8G-U24 = 24TB
HPS-2U8G-U30 = 30TB
HPS-2U8G-U40 = 40TB
HPS-2U8G-U50 = 50TB
HPS-2U8G-U70 = 50TB

Processor

Intel 9th Gen i7

Memory

16GB DDR4 Memory

Network

Dual 1 Gigabit LAN interface - Copper Rj45

GPU

nVidia Quadro 4GB Pascal - 4 x miniDisplayport outputs

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