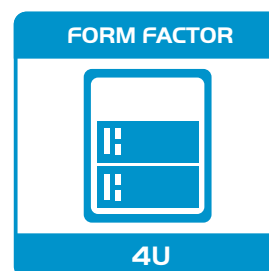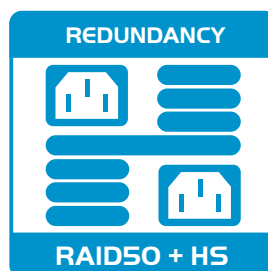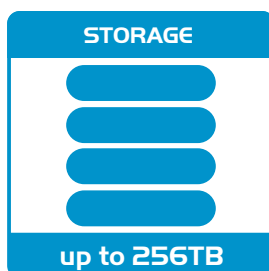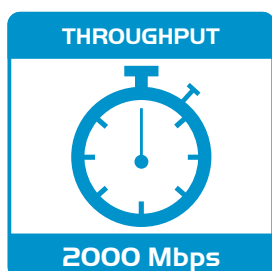# HPS-4U-U RACK SERVER

Building on the H series specification the U series servers feature dual Octa-core processors and 32GB RAM and are 'virtualisation ready' with Windows Server 2012R2 preinstalled. This product range is for heavier video analytic usage as well as applications where multiple 'virtual' servers in a single box provide a technical, environmental, ergonomic or cost advantage.

BENEFITS

- Available in 4U up to 256TB
- 32GB DDR4 Server Memory
- Dual Xeon Octa-Core V4 Processors
- Redundant 1+1 PSU
- RAID Battery Backup

- RAID50 + Hot Spare for 2U
- 2000Mbps throughput rating
- Win Server 2012 64bit
- Dual 10 Gigabit LAN
- Operating system runs on 2 x SSD in RAID1

FEATURES

THROUGHPUT	STORAGE	REDUNDANCY	FORM FACTOR	ANALYTICS
2000 Mbps	up to 256TB	RAID50 + HS	4U	HIGH - I7024

HPS-4U-U RACK SERVER
DATA SHEET

Electrical

PSU Type	Redundant 1+1 1280W
AC Input	1000W @ 100 - 140V, 12-8A, 50-60Hz
	1280W @ 180 - 240V, 8-6A, 50-60Hz
DC Output	1000W: +12V / 83A, +5Vsb/4A
	1280W: +12V / 106.7A, +5Vsb/4A
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

Other

Included accessories	Power cables
	Rack mount kit
	Keyboard and mouse
Operating system	Windows Server 2012 R2 64bit

RAID Control System
Advanced 12Gbps SAS3 hardware RAID with battery backup and 2GB cache

Hard drive configuration
RAID 60 or RAID 50+Hot-spare for storage array
2 x 120GB SSD in RAID 1 for OS drives

Storage (Raw usable after RAID applied)
Up to 256TB in RAID 50 + HS or RAID 60

Processor
Dual Intel Xeon E5 Octa-Core V4 Processor

Memory
32GB DDR4 quad-channel ECC Server Memory

Network
Dual 10 Gigabit LAN interface

Graphics
1 x VGA

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