



# **HPS-2U-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.

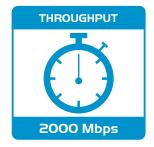


# **BENEFITS**

- Available in 2U up to 80TB
- 32GB DDR4 Server Memory
- Dual Xeon Octa-Core V4 Processors
- Redundant 1+1 PSU
- RAID Battery Backup

- RAID5 + 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**











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# HPS-2U-U RACK SERVER

# **DATA SHEET**



### **Electrical**

PSU Type Redundant 1+1 920W

AC Voltage 100 – 240V, 50 – 60Hz; 11-4.4 Amp

+5V Standby 4 Amp +12V 75 Amp +5V 45 Amp +3.3V 24 Amp -12V 0.6 Amp

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 2012 R2 (optional)

**RAID Control System** 

Advanced 12Gbps SAS3 hardware RAID with battery

backup and 2GB cache

Hard drive configuration

RAID 5+Hot-spare for storage array

RAID 1 for OS drives

Storage (Raw usable after RAID applied)

HPS-2U-U24 = 24TB HPS-2U-U28 = 28TB HPS-2U-U32 = 32TB HPS-2U-U36 = 36TB HPS-2U-U40 = 40TB HPS-2U-U48 = 48TB HPS-2U-U54 = 54TB

HPS-2U-U60 = 60TB HPS-2U-U80 = 80TB

**Processor** 

Dual Intel Xeon E5 Octa-Core V4

Memory

32GB DDR4 Quad-channel ECC Server Memory

Network

Dual 10 Gigabit LAN interface

**Graphics** 

1 x VGA

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