



DATA SHEET



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

THROUGHPUT

2000 Mbps

STORAGE

up to 80TB

REDUNDANCY

RAID5 + HS

FORM FACTOR

2U

ANALYTICS

HIGH - I7024

HPS-2U-U RACK SERVER

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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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