



DATA SHEET



HPS-2U-U RACK SERVER

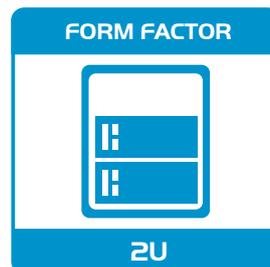
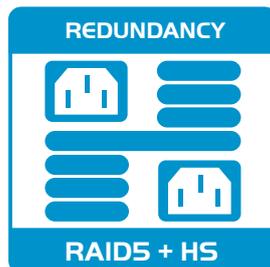
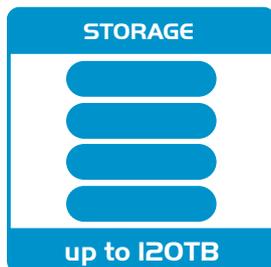
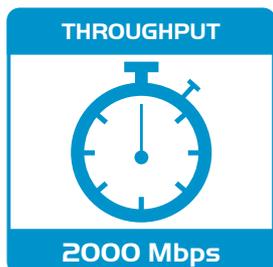
With the same form factor, storage options and resilience features of the M series servers, the U series includes dual Xeon Silver Octa-core processors and 48GB of 12 channel memory as well as 10GbE networking for ultra-high throughput applications. This product range is designed for higher camera counts and basic video analytic applications (such as ANPR) as well as projects with multiple client positions and mobile device transcoding.



BENEFITS

- Available in 2U up to 120TB
- 48GB DDR4 Server Memory - 12 channel configuration
- Dual Xeon Silver 8 core Processors
- Redundant 1+1 PSU
- Hardware RAID with Battery Backup
- RAID5 + Hot Spare Storage Array
- 2000Mbps throughput rating
- Windows Server 2016 64bit (other OS available upon request)
- Dual 10 Gigabit LAN
- OS and Application runs on 2 x 250GB SSD in RAID1

FEATURES



HPS-2U-U RACK SERVER

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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
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Other

Included accessories	Power cables Rack mount kit Keyboard and mouse
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Operating system

Windows Server 2016 64bit

Graphics

1 x On-board VGA

RAID Control System

Advanced 12Gbps SAS3 hardware RAID with battery backup

Hard drive configuration

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

Storage (Raw usable after RAID applied)

HPS-2U-U24	= 24TB
HPS-2U-U30	= 30TB
HPS-2U-U36	= 36TB
HPS-2U-U40	= 40TB
HPS-2U-U48	= 48TB
HPS-2U-U56	= 56TB
HPS-2U-U64	= 64TB
HPS-2U-U72	= 72TB
HPS-2U-U80	= 80TB
HPS-2U-U90	= 90TB
HPS-2U-U100	= 100TB
HPS-2U-U120	= 120TB

Processor

Dual (2) x Intel Xeon Silver 8-core per CPU

Memory

48GB DDR4 12-channel ECC Server Memory

Network

Dual 10 Gigabit LAN interface - Copper RJ45

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