INSTALLED HEALTHCHECK LITE HC

HPS-2U-H RACK SERVER

With the same form factor, storage options and resilience features of the M series servers, the H series includes an upgraded Octa-core processor and 16 RAM 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.
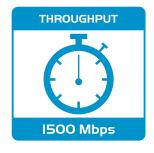
BENEFITS

- Available in 2U up to 80TB
- 16GB DDR4 Server Memory
- Xeon Octa-Core V4 Processor
- Redundant 1+1 PSU
- RAID Battery Backup

- RAID5 + Hot Spare for 2U
- 1500Mbps throughput rating
- Win 7 Pro 64bit (other OS available upon request)
- Dual 10 Gigabit LAN
- OS and Application runs on 2 x SSD in RAID1

FEATURES

THROUGHPUT	STORAGE	REDUNDANCY	FORM FACTOR	ANALYTICS
1500 Mbps	up to 80TB	RAID5 + HS	2U	MED - 11340

HPS-2U-H 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	Microsoft Windows 10 64bit
	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-H24 = 24TB
HPS-2U-H28 = 28TB
HPS-2U-H32 = 32TB
HPS-2U-H36 = 36TB
HPS-2U-H40 = 40TB
HPS-2U-H48 = 48TB
HPS-2U-H54 = 54TB
HPS-2U-H60 = 60TB
HPS-2U-H80 = 80TB

Processor

Intel Xeon E5 Octa-Core V4

Memory

16GB DDR4 Quad-channel ECC Server Memory

Network

Dual 10 Gigabit LAN interface

Graphics

1 x VGA

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