



Key Features

- 1 x Intel® Xeon® E5 v4 (2.10GHz, 8 Cores, 20M) CPU
- 2 x 10/100/1000Base-T Gigabit Ethernet RJ-45 Port with Link Aggregation/Port Teaming support
- ASWM Enterprise Software for Web-based Monitoring and System Alarm notifications
- On-board ASMB8-iKVM for KVM-over-IP Remote Management
- Dual Controller 12Gb SAS/6Gb SATA Backplane for 12 x 2.5" or 3.5" external hot swap disks + 2 x 2.5" external hot swap disks
- 1+1 Hot-Swappable Redundant Power Supply
- Designed for High Availability Cluster Video Storage Server System deployment
- Premium components with Ultimate Durability Solid Capacitor for premium efficiency



FU Server 8 Core CPU 12-BAY
Video Storage Server

SYSTEM	
Recommended Operating System	<ul style="list-style-type: none"> • Windows® Server 2012 R2 / 2012 / 2008 R2 (Hyper-V supported) • RedHat® Enterprise Linux • SuSE® Linux Enterprise Server • CentOS • Ubuntu • vmware • Citrix XenServer
Processor	1 x Intel® Xeon® E5 v4 (2.10GHz, 8 Cores, 20M) CPU
System Memory	1 x 8 GB DDR4-2400 ECC REG Memory Module (<i>Expandable to 1024GB</i>)
Video Controller	Integrated Video Controller
Rear I/O Port	<ul style="list-style-type: none"> • 2 x USB 3.0 • 2 x 10/100/1000Base-T Gigabit Ethernet RJ-45 Port • 1 x IPMI RJ-45 Port • Serial Port (DB-9) • VGA (D-Sub) • PS/2 Keyboard and Mouse Port • Q-Code/Port 80 LED indicator
Expansion Slot	<ul style="list-style-type: none"> • 1 x PCI-E Gen3 x16 (x8 link) • 2 x PCI-E Gen3 x8 (x8 link) • 1 x OCP Mezzanine (Gen3 x8 link)* * Support for VSS-NIC10GbE (10 Gigabit/s Ethernet card) (optional)
Front Panel	<ul style="list-style-type: none"> • 2 x USB 2.0 • Power Switch and LED indicator • Location Switch and LED indicator • Reset Switch • HDD Activity LED indicator • Message LED indicator • LAN 1-2 LED indicator
Storage Disk Drive	<ul style="list-style-type: none"> • 12 x 2.5" or 3.5" 12Gb SAS Hot-Swap Slot recommended for Video Storage Drives or SSD • 2 x 2.5" External Hot-Swap Slot recommended for SSD • 1 x M.2 (NGFF 2242)
RAID	RAID 0, 1, 5, 6, 10, 50, 60 Supported
Power Supply	770W Hot-Swappable Redundant PSU 1+1, 80 Plus Gold, 110~240 VAC Full Range
MECHANICAL	
Material	Heavy-Duty Pre-Plated SPGC Cold-Rolled Steel Chassis
Cooling	4 x Hot Swap Chassis Fans
Dimension	615 mm x 444 mm x 88 mm (W x D x H)
Weight	25 kg
Mounting	Rack Mount
ENVIRONMENTAL	
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C

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Relative Humidity	10% to 80% non-condensing
REGULATORY APPROVALS	
Standards	<ul style="list-style-type: none"> • CE • FCC • BSMI • C-Tick

Order Information

RS520-E8-RS12-Ev2-5620	ASUS 12-Bay Video Storage Server, 8 Cores CPU
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Optional Accessories

VSS-HD4TB	CCTV Surveillance Grade Hard Disk - 4TB
VSS-HD6TB	CCTV Surveillance Grade Hard Disk - 6TB
VSS-HD2TB SAS	12Gb SAS Enterprise Grade Hard Disk - 2TB
VSS-HD240GBSSD	Solid State Hard Disk – 240GB
VSS-HD480GBSSD	Solid State Hard Disk – 480GB
VSS-RAM8GBDDR4	8GB DDR4 Memory Module
VSS-RAM16GBDDR4	16GB DDR4 Memory Module
VSS-WINSRV	Microsoft Windows Server Standard Edition 64-Bit
VSS-DVDKIT	External DVD Drive Kit
VSS-MONITOR215HD	21.5" HD Monitor
VSS-INPUTKIT	INDIGO Keyboard and Mouse Kit
VSS-NIC10GbSFP	10Gb SFP+ Network Interface Card
VSS-NIC1GbRJ45	2 x 1Gb RJ-45 Network Interface Card