



The FLIR Universal Systems Solutions Enterprise sets the industry standard for internal storage servers, offering up to 96TB of storage and a new level of performance for video surveillance applications of all types.

The Enterprise server is ideal for businesses seeking a multi-purpose rack server that offers excellent internal storage, redundancy and value in a compact chassis.

Designed to address the requirements of IT environments, the unit comes loaded with system management capabilities, best-in-class processing performance and the ability to expand for future storage requirements.

Key Features

- Enterprise Six-core Intel® Xeon® processor
- OS installation optimized for Latitude
- Server + Storage in one
- Rack space efficient
- Up to 96TB of internal hard drive storage
- Enterprise class hardware
- Flex-bay for hot-swappable hard drives
- High efficiency server runs cool
- Multi-port NIC

Benefits

- Reduced unit count and Total Cost of Ownership (TCO)
- Reduced installation time with more consistency
- Optimal performance and reliability without need for extra cooling
- Ease of use for technicians and easier problem solving
- Ability to connect to multiple networks in parallel
- Best-in-class processing performance
- Redundancy and reliability
- Easy to expand and maintain

General Specifications

Hardware	
Form Factor	2U rack
Hard Drive Bay	16+2 hard drive chassis
Processor	Enterprise Six-core Intel® Xeon® processor E5-2600 product family
Processor Sockets	2
Chipset	Intel C610
Memory	16 GB RDIMM RAM (2X8GB)
I/O Slots	6 PCIe slots
RAID Controller	Hardware RAID controller with Flash Backed Cache
Operating System	Microsoft Windows Server 2012 R2 Embedded
Hard Drive Storage	Enterprise class, Hot-swap HDDS Max Internal Storage: 96TB
Communications	Embedded Quad Port 1Gb NIC
Systems Management	iDRAC8 Express (Enterprise License Upgrade Option)
Power Supply	Dual, Hot-plug, Redundant Power Supply, 495W, 100~240VAC 50/60Hz (auto)
USB Peripherals	2 - USB 3.0 compliant
Rack Support	ReadyRails™ II sliding rails
Dimensions	87.3 x 440 x 684 (mm)
Weight	Max: 36.5 Kg (80.47 lb)
Warranty	3-year ProSupport and Next Business Day On-site Service (upgrades available)
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC

Performance:

USS Enterprise RAID 5, RAID 5+HS, RAID 6*	Setup	Max # of Cameras	Max Throughput
Archiver	Server	400	400 mbps
	All-in-One	500	500 mbps
Transcoder	Server	10	10 mbps
	All-in-One	40	40 mbps

*RAID 6 reduces the Archiver Performance by 40%

Model Numbers:

Model	Storage	Model	Storage
USS Enterprise Storageless Server, RAID-1 (OS)			
USS-ENT-00N0-00	None		
USS Enterprise, Raid-5			
USS-ENT-18R5-12	18TB raw (12TB usable)	USS-ENT-60R5-54	60TB raw (54TB usable)
USS-ENT-24R5-18	24TB raw (18TB usable)	USS-ENT-66R5-60	66TB raw (60TB usable)
USS-ENT-30R5-24	30TB raw (24TB usable)	USS-ENT-72R5-66	72TB raw (66TB usable)
USS-ENT-36R5-30	36TB raw (30TB usable)	USS-ENT-78R5-72	78TB raw (72TB usable)
USS-ENT-42R5-36	42TB raw (36TB usable)	USS-ENT-84R5-78	84TB raw (78TB usable)
USS-ENT-48R5-42	48TB raw (42TB usable)	USS-ENT-90R5-84	90TB raw (84TB usable)
USS-ENT-54R5-48	54TB raw (48TB usable)	USS-ENT-96R5-90	96TB raw (90TB usable)
USS Enterprise, Raid-5 with Hot Spare			
USS-ENT-24H5-12	24TB raw (12TB usable)	USS-ENT-66H5-54	66TB raw (54TB usable)
USS-ENT-30H5-18	30TB raw (18TB usable)	USS-ENT-72H5-60	72TB raw (60TB usable)
USS-ENT-36H5-24	36TB raw (24TB usable)	USS-ENT-78H5-66	78TB raw (66TB usable)
USS-ENT-42H5-30	42TB raw (30TB usable)	USS-ENT-84H5-72	84TB raw (72TB usable)
USS-ENT-48H5-36	48TB raw (36TB usable)	USS-ENT-90H5-78	90TB raw (78TB usable)
USS-ENT-54H5-42	54TB raw (42TB usable)	USS-ENT-96H5-84	96TB raw (84TB usable)
USS-ENT-60H5-48	60TB raw (48TB usable)		
USS Enterprise, Raid-6			
USS-ENT-24R6-12	24TB raw (12TB usable)	USS-ENT-66R6-54	66TB raw (54TB usable)
USS-ENT-30R6-18	30TB raw (18TB usable)	USS-ENT-72R6-60	72TB raw (60TB usable)
USS-ENT-36R6-24	36TB raw (24TB usable)	USS-ENT-78R6-66	78TB raw (66TB usable)
USS-ENT-42R6-30	42TB raw (30TB usable)	USS-ENT-84R6-72	84TB raw (72TB usable)
USS-ENT-48R6-36	48TB raw (36TB usable)	USS-ENT-90R6-78	90TB raw (78TB usable)
USS-ENT-54R6-42	54TB raw (42TB usable)	USS-ENT-96R6-84	96TB raw (84TB usable)
USS-ENT-60R6-48	60TB raw (48TB usable)		

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