

FLIR USS PREMIUM 2U SERVER

High Performance Scalable Server Optimized
for United VMS Server and Storage Solutions



The FLIR Universal Systems Solutions Premium Server delivers the ideal balance of resources and affordability for your business, offering up to 160 TB of storage and a new level of performance for video surveillance applications of all types.

The Premium 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.

www.flir.com/USS-Premium

HIGH-PERFORMANCE

- Optimized for top efficiency and uptime
- Ability to connect to multiple networks in parallel
- Best-in-class processing performance – up to 160 TB internal storage

COST SAVINGS

- Balanced set of resources, expandability and affordability
- Reduced unit count and Total Cost of Ownership (TCO)
- Reduced installation time with more consistency

PEACE OF MIND

- Redundancy and reliability
- Ease of use for technicians and easier problem solving
- 5 year ProSupport Next Business Day On-site
- Easy to expand and maintain
- OS installation optimized for United VMS

SPECIFICATIONS

General	
Form Factor	2U Rack Server
Hard Drive Bay	Flexible storage with up to 8 x 3.5-inch drives
Processor	Enterprise Eight-core Intel® Xeon® Silver processor
Chipset	Intel C620
Memory	16 GB RDIMM RAM
I/O Slots	1 PCIe slots
RAID Controller	Hardware RAID controller with Flash Backed Cache
OS Drive	240 GB Mirrored SSD, BOSS Controller
Operating System	Microsoft Windows Server 2019
Storage Drives	Enterprise class, Hot-swap HDDS 7.2K RPM SATA Max Internal Storage: 160 TB
Communications	Embedded Dual Port 1 GB NIC
Systems Management	iDRAC9 Express (Enterprise License Upgrade Option)
Power Supply	Dual, hot-plug, redundant power supply, 750 W, 100 to 240 VAC 50/60 Hz (auto)
Power Workload	110 V: Max potential power: 650.6 W, 2219.9 btu/h 220 V: Max potential power: 635.8 W, 2169.4 btu/h
USB Ports	Front: 1 x USB 2.0-compliant port, 1 x iDRAC Direct port (Micro-AB USB 2.0-compliant port) Rear: 1 x USB 2.0-compliant port, 1 x USB 3.0
Rack Support	ReadyRails Sliding Rails
Dimensions (H x W x D)	86.8 mm x 434 mm x 675 mm (3.42 in x 17.08 in x 26.57 in)
Max Weight	24.80 kg (54.67 lb)
Warranty	5-year ProSupport and Next Business Day On-site Service
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC, BIS

Performance		
Setup	Service	Max Throughput
All-in-One	Recording Throughput	450 Mbps
	Viewing Throughput*	90 Mbps
	Transcoding	6 Streams
Archiver + Transcoder	Recording Throughput	550 Mbps
	Viewing Throughput*	110 Mbps
	Transcoding	9 Streams

* Live and Playback

Class Type	Raw Storage	RAID Type	Usable Storage
USS-PRM = Universal Systems Solutions Premium	XX = amount of raw storage TB	R5 = RAID-5 H5 = RAID-5 with Hot Spare R6 = RAID-6	XX = amount of usable storage TB