



**HIGH PERFORMANCE SCALABLE SERVER OPTIMIZED  
FOR UNITED VMS SERVER AND STORAGE SOLUTIONS**

## FLIR USS PREMIUM 2U SERVER

The FLIR Universal Systems Solutions Premium Server delivers the ideal balance of resources and affordability for your business, offering up to 224TB 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.teledyneflir.com/security](http://www.teledyneflir.com/security)



### HIGH-PERFORMANCE

- Optimized for top efficiency and uptime
- Ability to connect to multiple networks in parallel
- Best-in-class processing performance – up to 224TB 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
- 3 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 14 x 3.5" 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	240GB Mirrored SSD, BOSS Controller
Operating System	Microsoft Windows Server 2016 Embedded or Server 2019
Storage Drives	Enterprise class, Hot-swap HDDS 7.2K RPM SATA Max Internal Storage: 224TB
Communications	Embedded Dual Port 1Gb NIC
Systems Management	iDRAC9 Express (Enterprise License Upgrade Option)
Power Supply	Dual, Hot-plug, Redundant Power Supply, 750W, 100-240VAC 50/60Hz (auto)
Power Workload	110V: Max Potential Power: 650.6 watts 2219.9 btu/h 220V: Max Potential Power: 635.8 watts 2169.4 btu/h
USB Ports	Front: 2 x USB 2.0, Rear: 2 x USB 3.0
Rack Support	ReadyRails Sliding Rails
Dimensions (H x W x D)	86.8 x 434 x 647 mm (3.41" x 17.08" x 25.47")
Max Weight	31.11 kg (68.58 lb)
Warranty	3-year ProSupport and Next Business Day On-site Service (upgrades available)
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

Specifications are subject to change without notice. For the most up-to-date specs, go to [www.teledyneflir.com](http://www.teledyneflir.com)

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