



FLIR USS Enterprise

High Performance 2U Server



Key Features

- Capable of managing extensive video data from up to 650 cameras or 650 Mbps throughput
- Ideal multi-purpose rack server, offering up to 240 TB of internal storage.
- Supports up to 12 swappable 3.5" Nearline SAS drives

Main Applications

- Suitable for Mid-size to large surveillance installations
- Ideal configuration for applications requiring high storage capacity and flexibility

SPECIFICATIONS

Features	
Form Factor	2 U rack
Hard Drive Bay	12 hard drive chassis
Processor	Enterprise Eight-core Intel® Xeon® Silver processor
Chipset	Intel® C741 Chipset
Memory	16 GB RDIMM RAM
I/O Slots	Up to 8 PCIe slots
RAID Controller	PERC H755 Adapter, Low Profile
Operating System	Microsoft Windows Server 2019 Embedded or Server 2022
OS Drive	BOSS-N1 controller card + with 2 M.2 480 GB (RAID 1)
Storage Drive	Enterprise class, hot-swap HDDS Max internal storage: 240 TB
Communications	Broadcom 57454 Quad Port 10GbE BASE-T Adapter, PCIe Low Profile
Systems Management	iDRAC9, Express 16G (enterprise license upgrade option)
Power Supply	Dual, Hot-plug, Power Supply Redundant (1+1), 800 W, Mixed Mode, NAF
USB Ports	Front Ports 1 × USB 2.0 Rear Ports 1 × USB 2.0, 1 × USB 3.0 Internal Ports 1 × USB 3.0
Rack Support	ReadyRails™ II sliding rails
Dimensions (W x D x H)	86.8 × 434.0 × 678.8 mm (3.41 × 17.08 × 26.72 in)
Weight	Max: 33.1 kg (72.91 lb)
Warranty	5-year ProSupport and Next Business Day On-site Service (upgrades available)
Certifications	Nemko, CE, FCC, C-Tick, ICES, VCCI, CCC, KC, BIS, UL, NUM

Performance

Setup	Service	Max # of cameras	Max throughput
All-In-One	Archiver	500	500 Mbps
	Transcoder	15	15 Mbps
Dedicated	Archiver	650	650 Mbps
		45	45 Mbps

Order Information

Class Type	Raw Storage	RAID Type	Useable Storage
USS Enterprise	XX = amount of raw storage TB	R5 = RAID 5	XX = amount of useable TB
		H5 = R5 with Hot Spare	
		R6 = RAID-6*	