



# 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<br>Rear Ports 1 × USB 2.0, 1 × USB 3.0<br>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*           |                           |