



4U VMS Optimised Server Range

Making VMS and analytics simple and affordable



COM 4U140-2XS-24HR

COMPUTE™ 4U, Optimised VMS, 4U Rack Server, up to 140 channels, dual PSU, Intel® Xeon® Silver 12C 30M, 32G RAM, 24 HDD bays

COM 4U170-2XP-24HR

COMPUTE™ 4U, Optimised VMS, 4U Rack Server, up to 170 channels, dual PSU, Intel® Xeon® Silver 20C 37.5M, 32G RAM, 24 HDD bays

COM 4U170-2XP-36HR

COMPUTE™ 4U, Optimised VMS, 4U Rack Server, up to 170 channels, dual PSU, Intel® Xeon® Silver 20C 37.5M, 32G RAM, 36 HDD bays

COMMAND™ Product Summary:

The COMPUTE™ VMS Optimised Server Range is purpose-built for the efficient driving of video management systems.

The COMPUTE™ VMS server is designed for reliability and resilience, with dual PSU as standard and a RAID 1 mirrored SSD, operating system. It provides 24x front-mounted and 12x rear-mounted bays (36 bay option), Hot Swap, 3.5" HDD (Hard Disc Drive) bays for recording and storing CCTV video. The storage can be set up in hardware-based, RAID 5 (typical) format for additional system resilience, with Hot-Swap functionality allowing realtime HDD replacement and repair.

The COMPUTE™ VMS server has a network throughput of up to 2Gbits/sec, provided by dual, onboard NICs (Network Interface Connections). A dedicated, remote status and management network port is provided to allow a dashboard overview of the server health, viewed by the operator as a web page.

The COMPUTE™ VMS server comes with 09.00 - 17.00 technical support and return to base warranty. It has an option for next business day (NBD), on site 3 year to 7 year warranty, at extra cost.

COMPUTE™ Features:

VMS server optimised for VMS systems

4U rack server format (19")

24x and 36x 3.5" HDD storage bays in RAID format - RAID 0, 1, 5 options

VMS server optimised for 140 or 170 cameras (model and recording profile dependent)*

Intel® Xeon® Silver 12C 30M / Intel® Xeon® Silver 20C 37.5M processor options

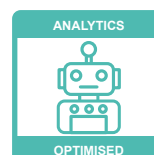
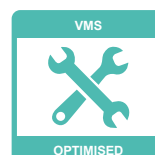
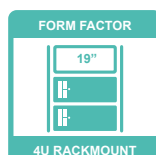
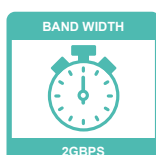
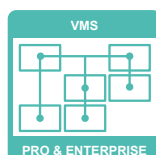
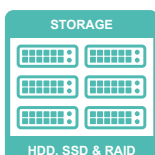
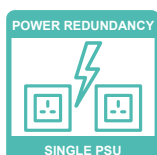
RAID Hot Swap resilience

RAID 1 Mirrored operating system SSD drives for resilience and speed

2x 16GB RAM for rapid video processing

Multiple remote viewing client support - workstation, PCs and mobile devices

Dual Power Supply / 1280W / Hot Swap built in



COMPUTE™

4U VMS Optimised Server Range



Technical Specification:

Specification	Model	Description
CPU	COM-4U140-2XS-24HR COM-4U170-2XP-24HR COM-4U170-2XP-36HR	Intel® Xeon® Silver 12C/24T 30M Cache Intel® Xeon® Silver Plus 20C/40T 37.5M Cache Intel® Xeon® Silver Plus 20C/40T 37.5M Cache
RAM		2x 16GB
RAID		Broadcom MegaRAID 12Gb/s SAS/SATA RAID Controller, 1Gb DDR4 Cache, RAID 1 and 5 minimum
Storage		Chassis for 24x 3.5" front mounted HDDs including Hot Swap and 12x rear mounted HDDs bays (36 bay option) / RAID format option
LAN		2x Intel Gigabit LAN & Dedicated LAN for Health / Status & Remote KVM Management
PSU		Dual Power Supply / 1280W / Hot Swap
Dimensions (mm)		699 D x 437 W x 178 H
Weight (less HDDs)		29.6 Kg to 34.0 Kg
Operational Temperature		Operating relative humidity (H-H) 8 - 90% Operating Temperature (T-T) 10 - 35°C
Operating System		Windows® Server 2022
OS Drives		2x 250GB SSD Mirrored - rear mounted
Dashboard Health Check		Included
Rack Rails		Included
Support		09.00 - 17.00 support
Warranty		3-year, return to base. Extended warranty and next business day (NBD) on site warranty available at extra cost
*Recording profile <i>Other recording profiles are available</i>	COM-4U140-2XS-24HR	3500 FPS capability (2MP, H265, HVEC) 140x 2MP cameras at 25FPS 280x 2MP cameras at 12FPS
	COM-4U170-2XP-24HR	4250 FPS capability (2MP, H265, HVEC) 170x 2MP cameras at 25FPS 340x 2MP cameras at 12FPS
	COM-4U170-2XP-36HR	4250 FPS capability (2MP, H265, HVEC) 170x 2MP cameras at 25FPS 340x 2MP cameras at 12FPS
		70x 4MP cameras at 25FPS 140x 4MP cameras at 12FPS 85x 4MP cameras at 25FPS 170x 4MP cameras at 12FPS

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