



Making VMS and analytics simple and affordable

COM-2U80-2X-12HR

COMPUTE™ X2U, Optimised VMS, 2U Rack Server, up to 80 channels, Dual PSU, Intel® Xeon®, 16G RAM, 12 HDD bays, RAID5

COM-2U140-2XS-12HR

COMPUTE™ X2U, Optimised VMS, 2U Rack Server, up to 140 channels, Dual PSU, Intel® Xeon® Silver, 16G RAM, 12 HDD bays, RAID5

COMPUTE™ 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 12x front-mounted, Hot Swap, 3.5" HDD (Hard Disc Drive) bays for recording and storing CCTV video and has 2x additional, rear-mounted bays used for the operating system SSD's. The storage can be set up in hardware-based, RAID 5 (typical) format for additional system resilience, with Hot-Swap functionality allowing real-time HDD replacement and repair.

COM-2U170-2XP-12HR

COMPUTE™ X2U, Optimised VMS, 2U Rack Server, up to 170 channels, Dual PSU, Intel® Xeon® Silver 20C 37.5 Cache, 16G RAM, 12 HDD bays, RAID5

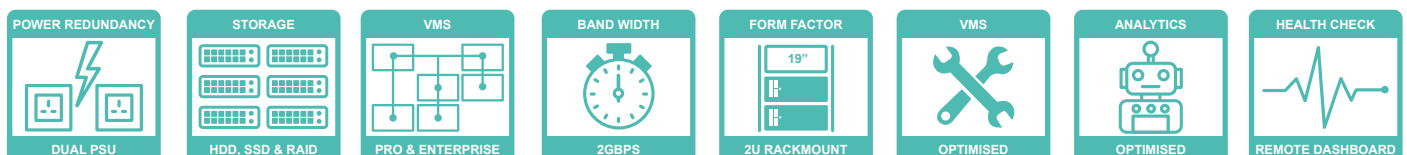
RAID allows recorded video to be distributed across multiple HDDs, maximising data integrity and fault tolerance.

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
- 2U rack server format (19")
- 12x 3.5" HDD storage bays in RAID format - RAID 0, 1, 5 options
- VMS server optimised for 80, 140 or 170 cameras (model and recording profile dependent)*
- Intel® Xeon® / Intel® Xeon® Silver processor options
- RAID Hot Swap resilience
- RAID 1 Mirrored operating system SSD drives for resilience and speed
- 16GB RAM for rapid video processing
- Multiple remote viewing client support - workstation, PCs and mobile devices
- Dual PSU resilience built in



COMPUTE™

2U VMS Optimised Server Range



Technical Specification:

Specification	Model	Description
CPU	COM-2U80-2X-12HR COM-2U140-2XP-12HR COM-2U170-2XP-12HR	Intel® Xeon® 6C/16T 16M Cache Intel® Xeon® Silver 12C/24T 30M Cache Intel® Xeon® Silver 20C/40T 37.5M Cache
RAM		2x 8GB 2666MHz
RAID		Broadcom MegaRAID 12Gb/s SAS/SATA RAID Controller, 1Gb DDR4 Cache, RAID 1 and 5 minimum
Storage		Chassis for 12x 3.5" HDDs / Hot Swap / RAID format
LAN		2x Intel Gigabit LAN & Dedicated LAN for Health / Status & Remote KVM Management
PSU		Dual Power Supply / 920W / Hot Swap
Dimensions (mm)		648 D x 443 (480 Ears) W x 89 H
Weight (less HDDs)		23.6Kg
Operational Temperature		Operating relative humidity (H-H) 8 - 90% Operating Temperature (T-T) 10 - 35°C
Operating System		Windows® Server 2022
OS Drives		2x 500GB SSD Mirrored
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-2U80-2X-12HR COM-2U140-2XP-12HR COM-2U170-2XP-12HR	2000 FPS capability (2MP, H265, HVEC) 80x 2MP cameras at 25FPS 160x 2MP cameras at 12FPS 3500 FPS capability (2MP, H265, HVEC) 140x 2MP cameras at 25FPS 280x 2MP cameras at 12FPS 4250 FPS capability (2MP, H265, HVEC) 170x 2MP cameras at 25FPS 340x 2MP cameras at 12FPS 40x 4MP cameras at 25FPS 80x 4MP 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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