



Making VMS and analytics simple and affordable

CVA 2U34-1G-8H

CONFIRM™ 2U, rack mounted, AI analytics server for up to 34 channels. Single NVIDIA® GPU, Dual PSU, Dual OS SSDs, 2Gbps.

CVA 2U68-1DG-8H

CONFIRM™ 2U, rack mounted, AI analytics server for up to 68 channels. DUAL NVIDIA® GPU, Dual PSU, Dual OS SSDs, 2Gbps.

CONFIRM™ Product Summary:

The CONFIRM™ AI Analytics, 2U rack server range from VMS Ltd is optimised for multi-channel, video analytics processing within professional, video management software (VMS) applications. The CONFIRM™ AI Analytics servers operate alongside VMS servers, such as the COMPUTE™ VMS server range from VMS Ltd, processing and analysing the live video streams provided by the VMS servers.

The CONFIRM™ AI Analytics servers use NVIDIA™ GPUs (Graphics Processing Units) to perform the analytics processing, alongside the server CPU (Central Processing Unit) for system management. The GPU is specifically designed for fast, AI analytics processing performance, measured in CUDA cores (Compute Unified Device Architecture). The higher the number of CUDA cores available in the GPU, the greater the analytics processing capability.

Each CONFIRM™ AI Analytics, 2U rack server model states the typical quantity of analytics channels it can process

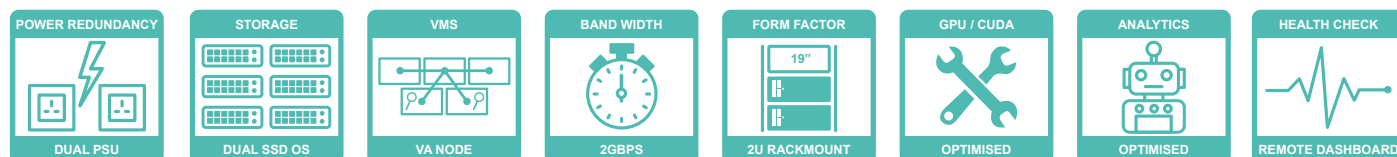
concurrently. The CONFIRM™ servers are available with a single NVIDIA GPU or DUAL NVIDIA GPUs, providing processing of 34 or 68 analytics channels respectively. The quantity of channels is based on typical analytics software demands and if the analytics uses trackers to recognise human or object behaviours. The exact quantity of analytics channels which can be processed in each server will vary depending on the VMS brand used and the specific analytics configurations deployed.

The CONFIRM™ AI Analytics server range is designed for reliability and resilience, with dual PSU as standard and a RAID 1 mirrored SSD operating system. Dual NICs provide a network throughput of 2Gbps.

The CONFIRM™ AI Analytics server range 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.

CONFIRM™ Features:

- VMS-ready server optimised for multi-channel, AI Analytics processing
- 2U rack server format (19")
- AI Analytics server for approximately 34 or 68 analytics channels (depending on VMS type and analytics configurations)
- NVIDIA GPU options
- Intel® Xeon® Silver processor options
- RAID Hot Swap resilience
- RAID 1 Mirrored operating system SSD drives for resilience and speed
- Dual PSU resilience built in
- Dual NIC bandwidth at 2Gbps



CONFIRM™

2U AI Analytics Server Range



Technical Specification:

Specification	Model	Description
GPU	CVA 2U34-1G-8H	NVIDIA® RTX A2000, 12 GB
	CVA 2U68-1DG-8H	Dual NVIDIA® RTX A2000, 12 GB
CPU		Intel® Xeon® Silver 12C/24T 30M Cache
RAM		2x 16GB
Storage (8 bay)		Chassis for 8x 3.5" HDDs / Hot Swap / RAID format
LAN		2x Gigabit LAN & Dedicated LAN for Health / Status & Remote KVM Management
PSU		Dual Power Supply
Dimensions (mm)		648 D x 437 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 480GB 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
Processing Capability	CVA 2U34-1G-8H	3328 CUDA Cores
	CVA 2U68-1DG-8H	6656 CUDA Cores

Please note: Other server specifications can be built on request.

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