

HX42-G3-series

The HX42-G3 is Hawc's third Gen VMS appliance in the Premium Line, based on Intel Core CPU technology. A 4-bay system offering performance for recording up to 50 cameras, high-end analytics and local viewing up to 4 monitors. The HX42-G3 comes standard with one 4TB surveillance HDD drive but offers place for four 3.5" drives and a total capacity up to 80TB. Based on Intel RTSe the drives can be configured in RAID 0, 1, 5, 6, 10 and an optional LSI HW-RAID card allows to support high-performance RAID and SAS Enterprise HDD's. With a variety of display interfaces it is possible to connect up to 2 monitors for local viewing* or even up to 4 monitors with an additional graphics card. The build in Windows Lockdown feature increases the reliability and protection against viruses, malware, unfaithful shutdown, and disk failures on write sensitive SSD's. Despite the performance, the HX42 is a compact, light and silent solution for use in retail, SOHO, banking and residential areas.



Specifications

Model name	HX42-G3
Chassis Model	4-Bay desktop-box
Chipset	Intel H470
Processor	10 th and 11 th Gen Intel Core i3/i5/i7
Memory	2 x 8GB DDR4 2666 MHz DRAM, Up to 64GB Max
Graphics	Intel integrated (option Nvidia P620 for G-series)
Network interface	1 x Gb LAN + 1 x 2.5Gb LAN + Dual Band 802.11ac WiFi + BT v4.2
Video interfaces	1 x DP, 1 x HDMI or 4 x mini-DisplayPort by Nvidia P620
Audio Interfaces	Front: Mic + headphone, Rear: line-out/mic/speakers
Communication interfaces	Front: 2 x USB 2.0 Rear: 1 x USB 3.2 Gen1 Type-A Port 1 x USB 3.2 Gen1 Type-C Port 4 x USB 3.2 Gen2 Type-A Port 2 x USB 2.0 Ports 1 x PS/2 mouse/keyboard
Storage type and size	250GB M.2 (OS) + 4TB Surveillance HDD (Storage)
Storage RAID	Default: Intel RSTe, R-series: LSI HW RAID
Storage Types	Surveillance, NAS and Enterprise SATA/SAS HDD
Operating system	Windows 10 IoT Enterprise
expansion	1 x PCIE x16
Management	-
Power input/supply	100-240VAC
Power Consumption	Average with i3: 55W
Chassis dimensions	263 x 195 x 197 mm
Weight	4 Kg (minimal configuration)
Operating temperature	0°C – 40°C

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PART NUMBERING

The below table shows the part numbers from the available SKU's in the HX42-G3 series. The last column shows the number of simultaneous channels that can be displayed at 1 to 4 connected monitors with the limitation of camera's with Live streams at 4MP, 1920 x 1080 at 25 FPS, medium quality and depending on the VMS. Note that recording up till 50 channels can be done by all systems and is independent from viewing. Additional analytics might decrease the number of recording channels.

Model name	Platform Specs	Viewing Channels
HX42-G3-3	Core i3-10100, 2 x 8 GB DRAM, 4TB HDD	12
HX42-G3-5	Core i5-10500, 2 x 8 GB DRAM, 4TB HDD	16
HX42-G3-7	Core i7-10700, 2 x 8 GB DRAM, 4TB HDD	20
HX42-G3-3G	Core i3-10100 + P620, 2 x 8GB DRAM, 4TB HDD	16
HX42-G3-5G	Core i5-10500 + P620, 2 x 8GB DRAM, 4TB HDD	20
HX42-G3-7G	Core i7-10700 + P620, 2 x 8GB DRAM, 4TB HDD	24
HX42-G3-3R	Core i3-10100, 2 x 8GB DRAM, 4TB HDD, LSI RAID	12
HX42-G3-5R	Core i5-10500, 2 x 8GB DRAM, 4TB HDD, LSI RAID	16
HX42-G3-7R	Core i7-10700, 2 x 8GB DRAM, 4TB HDD, LSI RAID	20

In the box

1 x HX42-G3-system
2 x Wifi antenna
1 x Power cord
1 x bag with 3.5" HDD screws
1 x bag with 2.5" HDD screws

For Graphic card series: 1 x mini-DP-to-DP adapter + 1 x mini-DP-to-DVI adapter

Please contact Hawc or your Hawc-representative for additional information about the specifications, features, options, benchmarks, configurations, appliance software or any other inquiry.