

HVS-G3-series

The Hawc HVS-G3-series is the 3th Generation from a line of compact but powerful desktop workstation for client visualization up to 5K resolutions and H.265 (HEVC) decoding. The HVS-G3-series can support multiple video streams over 4 DisplayPort interfaces. Based on an Intel Coffee Lake Core platform and powered with a Nvidia P620 graphics card the HVS2-series have no limits for your graphic requirements.

The HVS3-series use silent professional grade fans with high lifetime expectations and noise cancelling technology which increases the reliability.

An integrated 1TB HDD allows to archive images and exports locally.

The Hawc-PowerStation-series boot very fast thanks to SSD technology and offers full protection against viruses, malware and unauthorized software installation by use of the Microsoft Lockdown Features.



Specifications

Model name	HVS-G3
Chassis Model	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 (Dual Channel), Up to 64GB Max
Graphics	Intel integrated + P620 (2GB)
Network interface	1 x Gb LAN + 1 x 2.5Gb + Dual Band 802.11ac WiFi + BT v4.2
Video interfaces	4 x mini-DP 1.4 (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	250 GB NVME M.2 (OS) + 1TB HDD (Storage)
Operating system	Windows 10 IoT Enterprise
Power input/supply	12VDC with Power Adapter
Power Consumption	Average with i3 + P620: 75W/ Maximum 90W
Chassis dimensions	245 x 236 x 100 mm
Weight	2 Kg (minimal configuration)
Operating temperature	0°C – 40°C

HVS-G3-series

Benchmarking results

i3-10100 + 1 x P620	
Camera view at 2MP, H.264 @ 25FPS	35 Channels Max
Camera view at 8MP, H.264 @ 20FPS	16 Channels Max
Camera view at 8MP, H.265 @ 20FPS	16 Channels Max

All tests performed on a 4K monitor. The number of channels increases on monitors with a lower resolution.

In the box

1 x HVS-G3-system
1 x mini-DP to DP adapter
1 x mini-DP to DVI adapter
1 x AC Power Adapter
1 x Power cord
2 x Wifi antenna

PN's and options

HVS3-G3	Compact Desktop Video Client with i3
HVS5-3G	Compact Desktop Video Client with i5
HVS7-G3	Compact Desktop Video Client with i7
HVS3G-G3	Compact Desktop Video Client with i3 and P620
HVS5G-G3	Compact Desktop Video Client with i5 and P620
HVS7G-G3	Compact Desktop Video Client with i7 and P620
mDP-HD-Adapter	Adapter from mini-DisplayPort to HDMI
mDP-DP-Adapter	Adapter from mini-DisplayPort to DisplayPort
mDP-DVI-Adapter	Adapter from mini-DisplayPort to DVI-I
mDP-VGA-Adapter	Adapter from mini-DisplayPort to VGA

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