

1U High Density Media Server for Accelerated Video Processing



VEGA-7030

Elevating Professional Video: Real-Time, High-Density UHD Streaming Solutions

The VEGA-7030 is a highly configurable, 1U, short-depth video applications server based on the Intel® Core™ desktop processor family. Supporting up to 24 CPU cores with on-board Intel® UHD Graphics and Intel® Quick Sync Video functionality, the VEGA-7030 offers plenty of processing power for many software video workflows while its class-leading four PCI Express slots provide high flexibility to fit a wide range of video accelerators or video I/O cards such as the Advantech VEGA UHD encoding/acquisition cards.

VEGA-7030 is ready for integration into streaming networks with three 2.5Gigabit and one Gigabit Ethernet connections and can support latest generation protocols like SRT. It has the look and feel of an appliance with user-programmable front panel LCD and keypad and a small OLED confidence monitor for video display, but inside this is a reliable server architecture with dual redundant 550W power, dual NVMe storages, and options for BMC-based remote management and secure TPM feature.



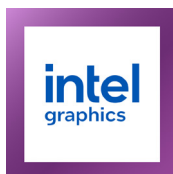
**High-
performance
video server
with flexible PCIe
I/O, advanced
streaming support,
and enterprise-
grade reliability.**

Intel Products and Technologies

Accelerating AI and Analytics at the Edge



Intel® Core™
Processors



Intel® UHD
Graphics

Key Features

Empowered by Intel.



Four PCIe Slots for I/O & Accelerators



Front Panel LCD Display, Keypad and Confidence Monitor



Four GbE Network Ports



Redundant Power Supplies

Advantech VEGA-7030



intel ai

Intel® AI Edge Systems

Product Specifications

CPU	12th/13th/14th Gen Intel® Core™ i3/i5/i7/i9 processor (TDP up to 65W)
Graphics	Chipset integrated Intel® UHD Graphics
Memory	2 channels DDR5 ECC/Non-ECC Up to 5600 MHz DIMM
Storage	2x M.2 2280, 2x 2.5" HDD
LAN	3x 2.5GbE port + 1x 1GbE port
Operating / Storage Temp.	-0°C ~ 45°C / -20°C ~ 70°C
Dimension (W x D x H)	438mm x 560mm x 44mm
Weight	13Kg
OS	Windows 11/ Ubuntu 24.04

Learn More

[Advantech VEGA-7030](#)

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