

HCAA-SC201-E2-08



Key Features

- High computing and system bandwidth.
- 3-5 years lifetime support and revision control.
- Integrated, operating system independent, remote management.
- Microsoft support and Linux ready.
- Long term available Microsoft Embedded license structure.
- Hyper-converged ready.

Hawc Appliance Solutions is a line of business servers and stations for a variety of high availability and performing applications. Each component in the appliance line offers dedicated functionality and services, tailor fit to the application with redundancy, ruggedness and fast serviceability in mind. Hawc appliance solutions are built on proven and power efficient technology with long term availability. Including the integrated remote management and fast serviceability reflect in cost cutting services and a lower total cost of ownership.

The HCAA-SC201-E2-08 is a single node appliance which offers flexible and scalable performance by supporting 1 Intel® Xeon E-2xxx-series and 8th or 9th Core® CPU and up to 128 GB DDR4 DRAM. Two 2.5" drives bays allow to use SSD as bootable system drives. A RAID1 configuration adds robustness to the system together with a redundant power supply. Hawc uses Enterprise grade SSD's to improve speed and reliability.

The 8 SATA/SAS storage bays are controlled by proven LSI Logic RAID technology and can be configured in various RAID levels and disk arrays. Only quality 24/7 surveillance, NAS or Enterprise grade HDD's are used in our systems to offer the reliability where Hawc stands for. All Hawc systems are pre-staged and tested delivered to the market.

Additional PCIe slots allow to add functionality to the system like graphic card, interface and network cards, high bandwidth SSD cards for SSD-caching or IO controller cards.

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	DEFAULT	MAXIMUM (optional)
Form factor	2U single node	-
CPU	Intel E-2146G	Intel i9-9900K
number of CPU's	1	1
DRAM capacity	2 x 8GB DDR4	4 x 16GB
DRAM Channels	2	=
DRAM speed	DDR4 2400 MHz (ECC with Xeon CPU's)	DDR4 2666 MHz
OS SSD	2 x 240 GB	2 x 3,6TB
RAID	1	0/1
Storage	8 x 2.5"/3.5" Bay	=
Storage Type	Surveillance 24/7	Enterprise
Storage/RAID Type	SATA/6Gbps	SATA/SAS/12Gbps
Storage RAID	5	0/1/10/5/6/50/60
LAN interfaces	2 x 1Gbps	PCIe*
USB interfaces	Front: 2 x 2.0 Rear: 2 x 3.1 Gen1 + 2 x 3.1 Gen2 (type- A + C)	PCIe*
Graphics interface	DP + HDMI + DVI-D + VGA	PCIe*
Additional interfaces	1 x RS-232 (option) + Line-in/Line-out/Mic	
Expansion bays	2 x PCIe x16 + 1 x PCIe x1 + 1 x PCIe x4 + 1 x PCI	-
Remote monitoring	IPMI, multiplexed on LAN1	-
OS support	Windows 10, Windows Server 2016, Linux Ready	-
Power supply	2 x 550 W	2 x 800 W
Chassis depth	670 mm	-

* PCIe: suggests optional expansion with PCIe cards

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