

HCAA-SC401-SC-24



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.

The HVCA-systems (Hawc Vision and Computing Appliances) are optimized for Vision Client computing and heavy analytical computing applications.

The HVCA-SC401-SC-24 is a single board appliance which offers flexible and scalable performance by supporting 1 x Intel® Xeon® (up till 56 cores and up to 2048 GB DDR4 DRAM. Two 2.5" drives bays allow to use HDD's or SSD as bootable system drives. A RAID1 configuration adds robustness to the system together with a redundant power supply. Hawc offers by default Professional and server grade SSD's to improve speed and reliability.

The 24 x 12Gbps SATA/SAS storage bays can be configured in a variety of ways with the optional use of Hardware RAID technology and can be configured in various RAID levels and disk arrays. Only quality Enterprise grade HDD's and Data Center grade SSD'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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Specifications	DEFAULT	MAXIMUM (optional)
Form factor	4U single node	-
CPU	Intel Xeon Scalable CPU family	-
number of CPU's	1	2
DRAM capacity	4 x 8GB	Up to 1024GB
DRAM Channels	6	-
DRAM speed	DDR4 2666 MHz ECC Registered	DDR4 2933 MHz ECC LRegistered
OS SSD	2 x 240 GB Enterprise	2 x 3,6 TB Enterprise
OS RAID	1	-
Storage	24 x 4TB	24 x 18TB
Storage Type	Surveillance/NAS/Enterprise	-
Storage/RAID Type	SATA/12Gbps	SATA/SAS/12Gbps
Storage RAID	5	0/1/10/5/6/50/60
LAN interfaces	4 x 1Gbps	PCIe*
Interfaces	2 x USB 2.0 front + 2 x USB 2.0 + COM rear	PCIe*
Graphics interface	VGA	PCIe*
Expansion bays	4 x PCIe x16 3.0 + 2 x PCIe x8 3.0	-
Remote monitoring	Intel IPMI	-
OS support	Windows 10, Windows Server 2016/2019, Linux Ready	-
Power supply	2 x 800 W	2 x 1500W
Chassis depth	675 mm	-

* PCIe: suggests optional expansion with PCIe cards

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