

# HAN-9820C

2U 19" Rackmount Server  
Built With 3rd Gen Intel® Xeon® Scalable  
Processor (Codenamed Ice Lake SP)

## ■ Features

- Dual 3rd Gen Intel® Xeon® Scalable Processor
- 24x DDR4 2133/2400/2666/2933 MHz, Max. 1536GB
- 2 x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0
- PCIe\*4/8/16 Gen 4 Expansion
- 8x 2.5" HDD/SSD bay hot swap and 2x microSD/SD (optional)
- 3x M.2-2280 (NVME&SATA)
- BIOS recovery, TPM 2.0
- 4x Individual Hot-swappable Fans,
- 1300W/2000W 1+1 ATX Redundant PSUs (option)

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## ■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	3rd Gen Intel® Xeon® Scalable Processor (Codenamed Ice Lake SP)
CPU Socket	2 x LGA4189
Chipset	Intel® C627A
Security Acceleration	Intel® QuickAssist Technology
BIOS	UEFI compliant, Secure boot, IPMI, Recovery BIOS, IPv4/IPv6 remote, HTTP and HTTPS Boot
System Memory	
Technology	DDR4 2133/2400/2666/2933 MHz R-DIMM / LRDIMM support advanced ECC;Scrubbing; SDDC; ADDDC
Max. Capacity	1536GB
Socket	24 x 288-pin DIMM
Networking	
Ethernet Ports	2 x GbE RJ45 Intel® i350-AM2
Bypass	Depending on NIC Module Specifications
NIC Module Slot	2 slot module up to 16 port GbE RJ45
Light Out Management	
IO Interface	1 x LOM Port via BMC for Integrated Remote Access Controller (memory 1024 MB)
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x RJ45
USB	2 x USB 3.0
LCD Module	2x20 Character LCM w/ 4x Keypads for system info and debug
Display	1 x VGA
Power Input	AC Power Inlet on PSU
Storage	

HDD/SSD SATA Support	8x 2.5" HDD/SSD bay hot swap support upto 61.4TB (based on installed disk) 2x microSD/SD card support 16/32/64 GB (optinal)
Onboard Slots	2x M.2 NVME 2280; 1x M.2 2280 SATA
Expansion	
PCIe	1x PCIe x4/8/16 Gen 4 FH/FL
mini-PCIe	N/A
Environmental Parameters	
Temperature	0~40°C Operating, -40~70°C Non-Operating
Humidity (RH)	5~90% Operating, ~95% Non-Operating
Anti-Vibration	3Hz~5Hz
Cooling	
Processor	Passive CPU Heatsink
System	4 x Individual Hot-swappable Cooling Fans With Smart Fan
Security	
System	Silicon root of trust, Secure Boot Secure Erase, TPM 2.0
Remote management	Support IPMI 2.0 Support TLS 1.3 over HTTP, HTTPS
System Dimensions	
(WxHxD)	438mm x 720mm x 88mm
Weight	19.3kg
Operating system	
Windows Server	2012/2012R/2016/2019
Linux kernel 4.19.x or higher	Red Hat/SUSE/Ubuntu/Debian/Centos
Power	
Type / Voltage/ Watts	1300W/2000W AC 1+1 Redundant (option) Or 1600W DC 1+1 Redundant
Input	AC 100~240V @50~60Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

## Product I/O View

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- A 8x HDD/SSD 2.5" Hotswap Bays
- B 2x USB3.0
- C 2x GbE RJ45 & 1x LOM & 1x Console (front)
- D 2/4 x NIC Module Slots (option)
- E 2x PCI-E\*4/8/16
- F Power Supply Units
- G Swappable Fans
- H Power Switch
- I VGA
- J 1x USB 2.0 (Optional)

## Dimensions (WxHxD): 438 x 720 x 88 mm

