Northern ★

CUSTOMISED SERVERS

OVERVIEW

Northern Servers have been custom designed for the requirements of the security industry and this 8 Bay server is a perfect video storage server for medium to large video management systems. The servers have been specifically designed with the performance criteria required as a Hanwha Wisenet WAVE Server or a Milestone XProtect Server.

Flexible storage options include JBOD or RAID using the optional high speed RAID controller with 1GB of cache for improved performance and RAID integrity. This unit is customizable to suit the requirements of the specific installation so please contact Atlas Gentech for more configuration options.

ITEM CODE	DESCRIPTION
NOR-SRV1-8BAY	Northern Server, 2RU, 8 Bay, i5, 8GB, 250GB SSD, Win 10 Pro, 3 Year Warranty
NOR-SRV2-8BAY	Northern Server, 2RU, 8 Bay, i7, 16GB, 500GB SSD, Win 10 Pro, 3 Year Warranty
NOR-RAID-8BAY	RAID Controller 1GB cache, add on for 8 Bay Server, 3 Year Warrenty

FEATURES

- 8 bay, 2RU rack mounted server
- Powerful 10th Gen Intel i3 i5 or i7 CPU
- DDR4 RAM (8GB &16GB Options)
- Intel GPU Dual Monitor Outputs
- 1x HDMI 1x DisplayPort Outputs
- 4 x 3.5 Hot swap drive bays
- Solid State OS Drive (256GB or 512GB Options)
- Windows 10 Pro
- Milestone XProtect Server
- Hanwha Wisenet WAVE Server
- Hik-Central Server
- Inner Range Integriti Server

ADDITIONAL INFORMATION

Warranty	3 Years
NOR-SRV1-8BAY max number of cameras	64
NOR-SRV1-8BAY max incoming bandwidth	300Mbps
NOR-SRV2-8BAY max number of cameras	100
NOR-SRV2-8BAY max incoming bandwidth	450Mbps

Power On / Off, system reset,
USB 2.0 x 1, USB 3.1 Gen 1 Type-A x 1

Auto lock handle for easily secures to
rackmount cabinet without screws

80mm x 15mm PWM fans x 3

Button for releasing top cover
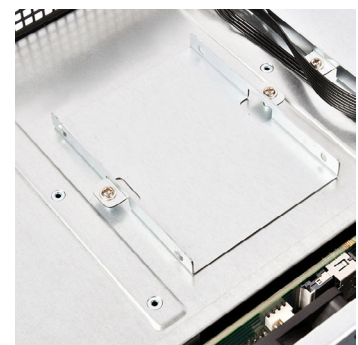

2 x 4-Pin peripheral connector
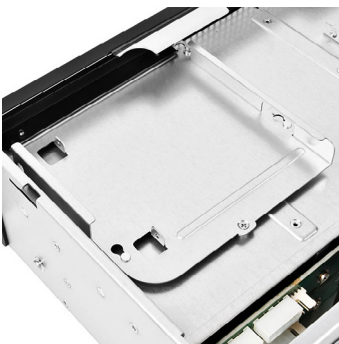

6 Gb/s Mini-SAS SFF-8087
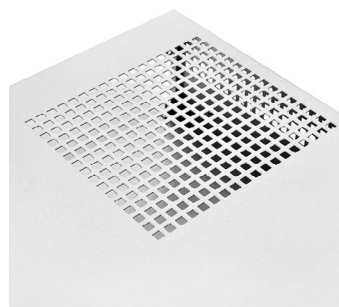

Supports Micro ATX motherboards

Supports four 2.5" / 3.5"
SAS/SATA HDD / SSD

2.5" HDD cage

Slim ODD cage

Ventilation for PSU fans

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SPECIFICATIONS

Model No.	SST-RM21-308
Chassis form factor	2U
Motherboawrd	Mirco ATX (9.6" x 9.6"), Mini-ITX (6.7" x 6.7")
Drive Bay	**External** 3.5" or 2.5" HDD/SSD hot-swap x8 **Internal** 2.5" x 2 (up to 15mm), slim optical x 1 (up to 12.7mm)
Cooling System	80 x 15mm ball bearing fan x 3 4000±10%RPM
Power Supply	2U single or 2U redundant/PS2 ATX up to 160mm deep and 86.3mm height (not included)
Limitation of CPU cooler	68mm
Power connector on HDD backplane	4-Pin peripheral x 2
Expansion Slot	Low profile PCI/PCIe x 4
Front I/O Port	USB 2.0 x 1, USB 3.1 Gen 1 Type A x1**
Front buttons	Power on/off, system reset
Indicators	**Chassis:** Power LED x 1: Blue HDD Access x 1: Green LAN LED x 1: Green **HDD Tray:** HDD Power LED x 8: Yellow HDD Access x 8: Blinking Green
HDD backplane	8 ports SAS/SATA to Mini-SAS SFF-8087 x 2
HDD Interface	SAS-1/SAS-2/SAS-3 SATA-1/SATA-2/ SATA-3
Main metal thickness	1mm
Net weight	7.3kg
Dimensions	430mm(W) x 88.5 (H) x 480mm (D) 18.3 Liters 16.93" (W) x 3.48" (H) x 18.9" (D) 18.3 Liters

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