

# Northern<sup>★</sup>

## CUSTOMISED SERVERS

### DATASHEET

#### OVERVIEW

The Northern range of workstations have been custom designed for the requirements of the security industry and provide a complete selection of machines suitable to most video management systems or the Inner Range Integriti integrated access control & security system.

The flexible design of the Northern Cube is not only a powerful workstation PC, but also provides an option as a management and recording server for Milestone, Hanwha Wisenet Wave, Hik-Central or an Inner Range Integriti System. With 2x 3.5" HDD slots onboard an additional 24TB of storage can be added. There is an option to add a dedicated workstation grade NVIDIA Quadro graphics card which allows for up to 4 monitors. The Northern Cube can be customised to suit the requirements of the specific installation so please contact Atlas Gentech for more configuration options.

ITEM CODE	DESCRIPTION
NOR-WS1-CUBE	Northern Workstation, Server, Mini Cube, i5, 8GB, 256GB, SSD, Windows 10 Pro, 3 Year Warranty
NOR-WS2-CUBE	Northern Workstation, Server, Mini Cube, i7, 16GB, 512GB, SSD, Windows 10 Pro, 3 Year Warranty
NOR-WS3-CUBE	Northern Workstation, Server, Mini Cube, i7, 16GB, 512GB, SSD, Quadro T400, Windows 10 Pro, 3 Year Warranty



#### FEATURES

- Compact Mini Cube Form Factor
- Powerful Gen Intel i5 or i7 CPU
- Intel GPU Dual Monitor Output
- DDR4 RAM (8GB & 16GB Options)
- 1x HDMI, 1 x DisplayPort
- On board WIFI 6 802.11ax
- 12th Gen CPUs
- T400 Graphics Card Option with 3x Mini Display Ports
- 2 x 3.5 HDD Expansion Option
- Solid State OS Drive (256GB or 512GB options)
- Windows 10 Pro
- Milestone/Hanwha Wave/Hik-Central Client or Server
- Inner Range Integriti Server or Client
- Further customisations are available

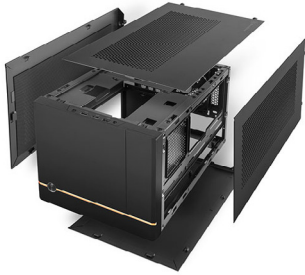
#### ADDITIONAL INFORMATION

Warranty	3 Years
NOR-WS1-CUBE max number of cameras	42
NOR-WS1-CUBE max incoming bandwidth	200Mbps
NOR-WS2 & WS3 max number of cameras	64
NOR-WS2 & WS3 max incoming bandwidth	300Mbps

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Modular design with 4 removable panels (top, left, right, bottom)



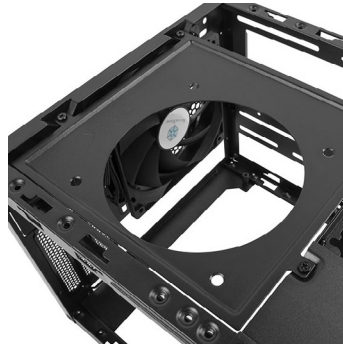
Supports 3 slot full length graphics cards



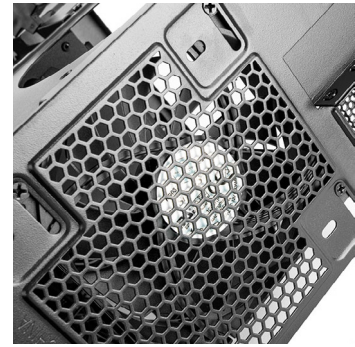
Supports 30 series graphics cards



Adjustable graphics card holder



Top 120mm fan bracket



Rear 120mm / 140mm fan slot



Front I/O port includes: USB 3.0 x 2, USB 2.0 x 1, combo audio x 1



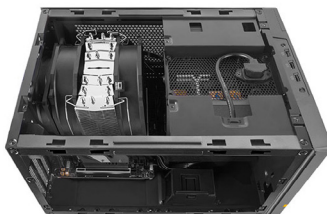
External 5.25" drive bay



Power button



System built demonstration with All-In-One CPU cooler



System built demonstration with tower air cooler

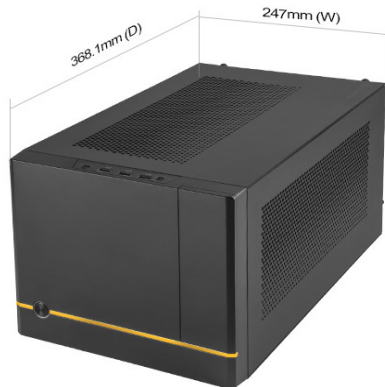
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#### SPECIFICATIONS

Model No.	SST-SG14B (black)
Material	Plastic front panel, steel body
Motherboard	Mini-DTX, Mini-ITX
Drive Bay	<b>External</b> 5.25" x 1 (without radiator and 3.5" x 1 installed) <b>Internal</b> 3.5" x 2 (without radiator and 5.25" installed) 2.5" x 3
Cooling System	<b>Rear</b> 120mm / 140mm x 1 (120mm black fan x 1 included) <b>Side</b> 120mm / 140mm x 2 <b>Top</b> 120mm
Radiator support	<b>Rear</b> 120mm <b>Side</b> 120mm / 240mm
Expansion slot	3
Front I/O Port	USB 3.0 x 2, USB 2.0 x 1 Combo audio x 1
Power supply	Standard PS2(ATX)
Limitation of VGA card	<b>Length</b> 330mm <b>Width</b> 148mm
Limitation of CPU cooler	Air cooler: 182mm (without top fan) 240mm AIO water block: 55mm
Limitation of PSU	150mm
Net weight	4.89 kg
Dimensions	247mm(W) x 215mm (H) x 368.1mm (D) 19.55 Liters 9.72" (W) x 8.46" (H) x 14.49" (D) 19.55 Liters



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