

# VICON VICONNET



## ViconNet Shadow Elite Workstations

Best-in-class Workstations to streamline operations and deliver effective security for your ViconNet system

Powered by Dell and Intel Technology



### Summary

The ViconNet Shadow Elite Workstations unite reliability, performance and convenience to reduce system ownership costs, streamline operations and deliver more effective security for your ViconNet system. With top-of-the-line Dell components and redundant power supply in the rack-mount option, these servers give you confidence that your system will perform even in the most challenging installations. They are available in two form factors – a small tower and a 1U rack-mount option – so they can adapt seamlessly to your surveillance operation.

### Product at a Glance

- ▶ Available as SFF desktop or a 1U rack-mount server
- ▶ Dual redundant power supply available on rack-mount server
- ▶ Install quickly with ViconNet pre-installed
- ▶ Powered by best-in-class Dell and Intel technology
- ▶ Offers peace of mind with 5-year warranty with next business day, on-site support
- ▶ Safeguard your system with SafeBIOS, SafeID, TPM 2.0



#### Powered by Dell & Intel for Machines that Last

- Top-of-the-line components ensure long-lasting performance
- Future-proof your operation with the latest-gen technology



#### Installs in Minutes with Preloaded ViconNet Software

- ViconNet software preloaded for installation in minutes



#### Backed by a 5-Year Warranty and 24/7 Support

- Includes next business day on-site support
- Covers all components (including HDD)

**Specifications (VICON-CERTIFIED HARDWARE)**

Model	Small Form Factor NEWA-SF000D	Rack-Mount NEWA-1U000D
Operating System:	Microsoft® Windows® 10 Enterprise IoT	
CPU/RAM:	Intel® Core® i3 10th Gen, 8 GB DDR4	Intel Core i7 9th Gen: 16 GB DDR4
OS Drive:	1x 256GB M.2 NVMe SSD	
Max. Supported Data Drives:	1x 3.5" max	2x 3.5" max
Max. Storage (Gross):	16 TB	32 TB
Data Drives Configuration:	SATA	
Networking:	2x 1GbE RJ-45, Intel 82574	1x 10GbE RJ-45, Aquantia
Video:	Intel UHD 630 (1x HDMI + 1x DP); supports two 4K monitors	Nvidia Quadro P620 (4x mini-DP*); supports quad 4K monitors
Additional Rear Panel I/O:	2x USB 3.2 + 2x USB 2.0; 1x Line-in/Line-out; 1x Kensington Lock	2x USB Type-C; 1x Serial
Front Panel I/O:	2x USB 3.2 + 2x USB 2.0; 1x Headphone	1x USB 3.1 Type-C; 2x USB 3.1; 1x Headphone; 1x SD Card Reader
<b>Electrical</b>		
Power Supply:	200 W	550 W, dual redundant
Typical Power Consumption:	100 W (350 BTU)	100 W (350 BTU)
Max. Power Consumption:	200 W (650 BTU)	220 W (750 BTU)
<b>Mechanical</b>		
Application:	Indoor	
Mounting:	Desktop	Rack mount; 1U
Dimensions (HxWxD):	11.42 in. (290.1 mm) x 3.65 in. (92.7 mm) x 11.53 in. (292.9 mm)	1.75 in. (44.5 mm) x 19 in. (483 mm) x 23.19 in. (589 mm)
Weight:	8.44 lb (3.83 kg)	42.6 lb (19.3 kg)
Construction:	Steel and plastic	
<b>Environmental</b>		
Operating Temperature:	50° to 95°F (10° to 35°C)	
Humidity:	20 to 80% relative, non-condensing	10 to 85% relative, non-condensing
Country of Origin:	Mexico	

\*DP to HDMI adapters included.

**Ordering Information Scheme**

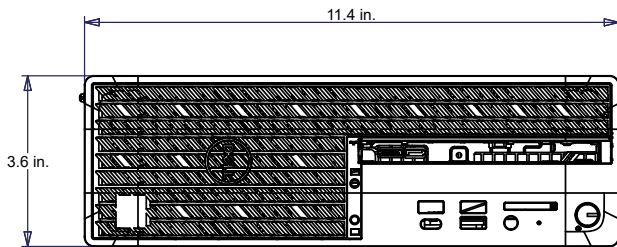
Model	Mounting Type	HDD Storage	Model Number
Workstation preloaded with ViconNet Nucleus server software; no data drives	Small Form Factor	None	NEWA-SF000D-N00
	1U Rack-Mount	None	NEWA-1U000D-N03

### Workstation: Small Form Factor Model

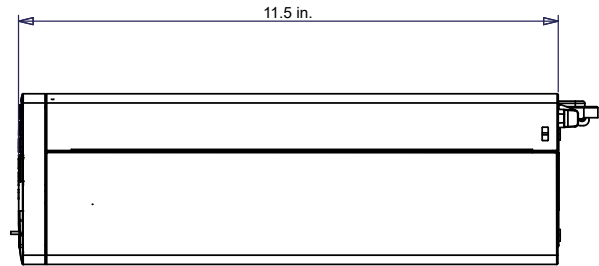
Includes five year NBD onsite KYHD (Keep Your Hard Drive) warranty with UL/FCC/CE and other required certifications.

Model Name	Storage
Intel i7 System	
NEWA-SF000D-N00	No storage

### Dimensional Drawing

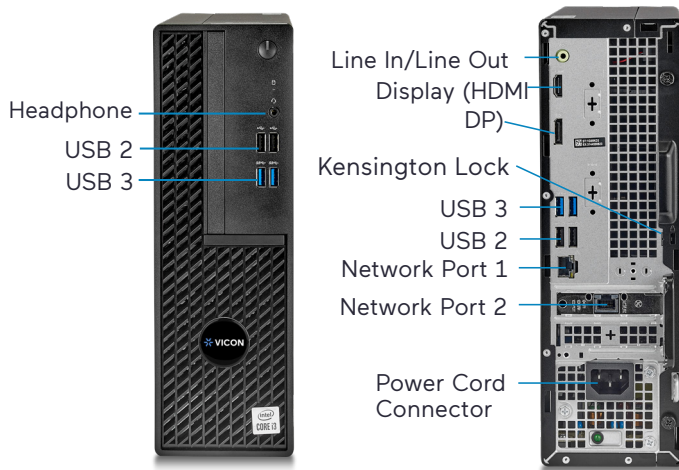


FRONT VIEW



SIDE VIEW

### Front and Rear Panel Controls and Connectors

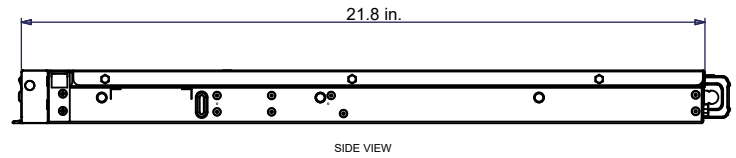
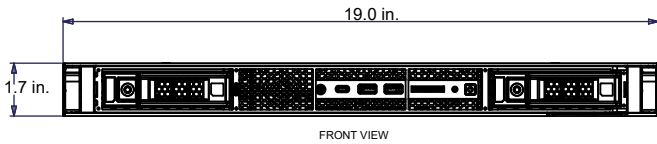


### Workstation: 1U Rack-Mount Model

Includes five year NBD onsite KYHD (Keep Your Hard Drive) warranty with UL/FCC/CE and other required certifications.

Model Name	Storage
Intel i7 System; Four Video Out	
NEWA-1U000D-N03	No storage

### Dimensional Drawing



### Front and Rear Panel Controls and Connectors

