

Valerus Shadow Premier Application Server

Centrally manage your system, run the web server and service the web clients



NDAA-Compliant



Summary

The Valerus Shadow Premier Application Servers unite reliability, performance and convenience to create the perfect foundation for your Valerus VMS solution. This servers ise available in a 1U rack-mount option to adapt seamlessly to your surveillance operation.

Product at a Glance

- ▶ Pre-tested and certified for plug-and-play operation out-of-the-box
- ▶ Available in 1U rack form factor
- ▶ Intel's i7 processor accommodates different system and application requirements



Dependable Technology for Machines that Last

- Top-of-the-line Intel processors improve efficiency and reliability
- Windows OS lets you operate your system with confidence



Installs in Minutes with Preloaded Valerus Software

- Valerus App Server preloaded for installation in minutes
- Certified for plug-and-play operation out-of-the-box



Feel Confident in Your Choice from Day One

- Backed by a 3-year warranty
- 24/7 technical support

Specifications (Vicon-Certified Hardware)

Model	Rack-Mount VPAA-1U000D
Operating System:	Microsoft® Windows® 10 Enterprise LTSC
CPU/RAM:	Intel® Core® i7 10th Gen, 16 GB DDR4
OS Drive:	1x 256 GB M.2 SSD
Networking:	2x RJ-45 LAN (1x gigabit; 1 2.5 GB)
Video:	Intel UHD 630 (2x Display Port 1.2)
Additional Rear Panel I/O:	4x USB 3.2; Audio (Mic In/Line-out); 2x COM (RS-232/RS-485/RS-422)
Front Panel I/O:	2x USB 2.0; Power LED (green); HDD LED (red)
Electrical	
Power Supply:	300 W
Typical Power Consumption:	200 W (680 BTU)
Max. Power Consumption:	300 W (1000 BTU)
Mechanical	
Application:	Indoor
Mounting:	Rack mount; 1U
Dimensions (HxWxD):	1.75 in. (44.5 mm) x 16 in. (406 mm) x 19 in. (483 mm)
Weight:	Approximately 18.2 lb (8.3 kg)
Construction:	Steel and plastic
Environmental	
Operating Temperature:	32° to 104° F (0° to 40° C)
Humidity:	Up to 95%, relative, non-condensing
Country of Origin:	USA

Ordering Information Scheme

Model	Mounting Type	HDD Storage	Model Number
Application Server preloaded with Valerus Application Server software; no data drives	1U Rack-Mount	None	VPAA-1UXXXX

Application Server: 1U Rack-Mount

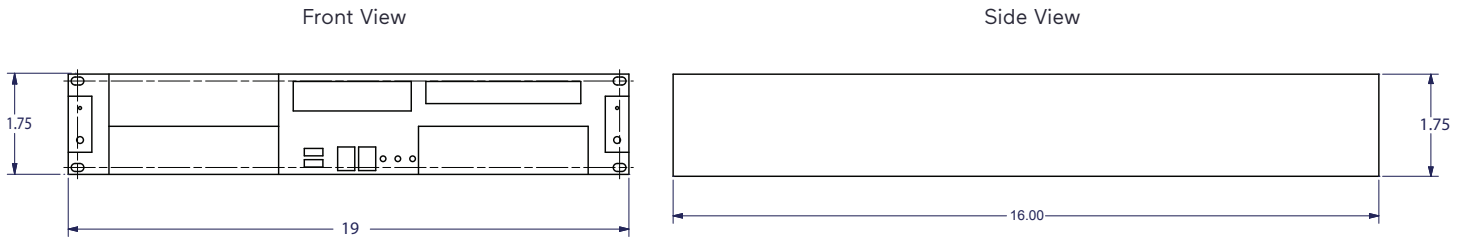
Model	Storage
Intel i7 System	
VPAA-1U000D-N01	No storage

Management Performance

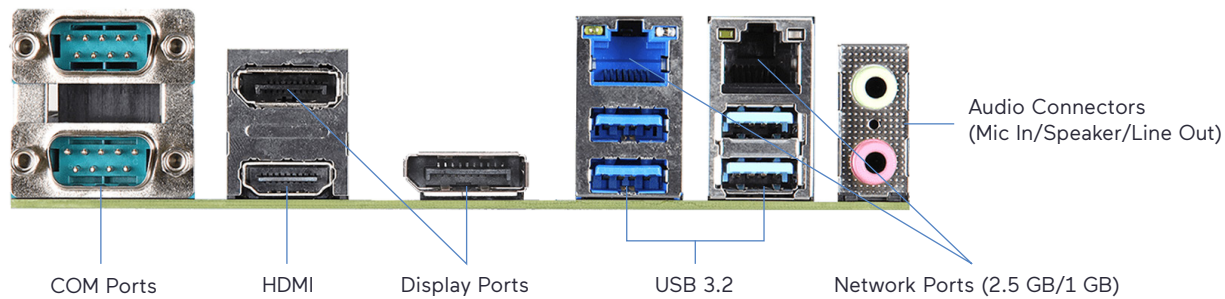
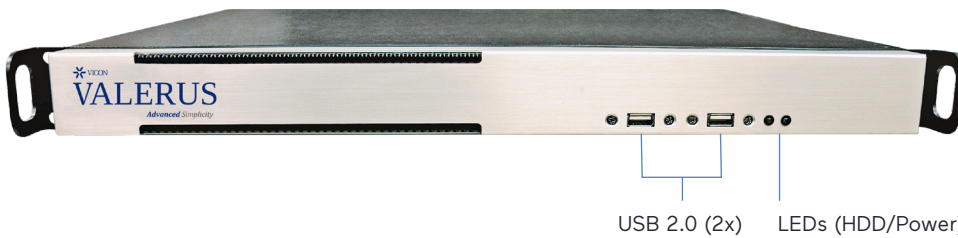
Number of Cameras
Intel i7 System
2000

Dimensional Drawing

in. (mm)



Front and Rear Panel Controls and Connectors



Data Sheet Number: V325-20-01

Vicon Data Sheet Number: 8009-7325-20-01

Specifications subject to change without notice.

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