

Voyager™ 12G Hardware Specifications



Dimensions

Height	Width	Depth
6.9 in (17.6 cm)	16.9 in (43 cm)	23.3 in (59.2 cm)

Weight

Net Weight	Net Weight with Rails	Gross Shipping Weight
57 lbs (25.9 kg)	62 lbs (28.1 kg)	83 lbs (37.6 kg)

Hardware

Operating System	Windows® 10 Professional, 64-bit
Mainboard	ASUS WS X299 SAGE/10 G
Processor	Intel® Core™ i9-10900X Cascade Lake 10-Core, 3.7 GHz LGA2066 165 W
Memory	64 GB DDR4
GPU	NVIDIA® Quadro® RTX™ A6000 48 GB GDDR6
Output Boards	Matrox DSXLE4/8/100F OR AJA Corvid 88 3G
Sync Card	NVIDIA® Quadro® Sync 11
RAID Controller	LSI® MegaRAID® SAS 9361-8i
Storage Media	3 x 1 TB SSD RAID 5
System Drives	2 x 256 GB SSD RAID 1 (Mirrored)

Network	Dual RJ-45, 10 Gigabit Ethernet Ports
Media Drive	1.8 TB
Power Supply	960 W EPS 12 V Hot-swappable 1+1 redundant power supply
GPI	Unlimited RossTalk™ Smart GPI over TCP/IP through Lucid Studio
Genlock	Black Burst, Tri-Level Sync, Lock to input source or Free-running

Video Formats

720p 50 Hz 720p 59.94 Hz 720p 60 Hz
1080p 23.98 Hz 1080p 24 Hz 1080p 25 Hz
1080p 29.97 Hz 1080p 30 Hz 1080p 50 Hz
1080p 59.94 Hz 1080p 60 Hz 1080i 50 Hz
1080i 59.95 Hz 1080i 60 Hz

Clip File Formats

Containers	Codecs
AVI	h.264
MPEG	Mpeg-4
WMV	WMV

USB Connections

Intel® X299 Chipset:
6 x USB 3.1 Gen 1 ports (4 at back panel, 2 at mid-board)
ASMedia® USB 3.1 Gen 2 Controller:
2 x USB 3.1 Gen 2 ports (2 at back panel) 1 x Type-A, 1 x USB Type-C™
ASMedia® USB 3.1 Gen 2 Controller
1 x USB 3.1 Gen 2 port (at mid-board)

Included Accessories

Rackmount Kit	Slide rails, handles, and mounting hardware
USB	2x USB Type C to USB Type A Adapters
Keyboard	Standard USB PC Keyboard
Mouse	USB Mouse
Security Key Software	USB key pre-installed internally

Included Software

- Microsoft® Windows® 10 Professional 64-bit O/S
- Voyager software package and media

Warranty

12 Month System Warranty (parts, labor and software updates)

5 Years on Hard Disk Drives

★ Specifications subject to change.