

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 Weight When Shipped
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/10G
Processor	Intel® Core™ i9-10900X Cascade Lake 10-Core 3.7 GHz LGA2066 165 W
Memory	64 GB DDR4
GPU	NVIDIA Quadro RTX A6000 48GB GDDR6
Output Boards	Matrox DSX LE5L/4/100/LP/12G
Sync Card	NVIDIA Quadro Sync II
RAID Controller	LSI® MegaRAID® SAS 9361-8i
Storage Media	3 x 1TB SSD RAID 5
System Drives	2 x 256GB SSD RAID 1 (Mirrored)
Network	Dual RJ-45, 10 Gigabit Ethernet Ports

Media Drive	1.8TB
Power Supply	960 W EPS 12V 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 50Hz 720p 59.94Hz 720p 60Hz
1080p 23.98Hz 1080p 24Hz 1080p 25Hz 1080p 29.97Hz
1080p 30Hz 1080p 50Hz 1080p 59.94Hz 1080p 60Hz
1080i 50Hz 1080i 59.94Hz 1080i 60Hz
UHD 50Hz UHD 59.94Hz UHD 60Hz

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) Type-A + USB Type-C™
ASMedia® USB 3.1 Gen 2 controller:
1 x USB 3.1 Gen 2 port (1 at mid-board)

Included Accessories

Rackmount Kit	Slide rails, handles, and mounting hardware
Keyboard	Standard USB PC Keyboard
Mouse	USB mouse
Security Key	USB license 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