

solo

SMALL BUT POWERFUL

The solo is a compact and powerful 2U server, bringing the power of the Disguise solution to small-scale productions and experiences.



WARRANTIES & SUPPORT

2 year return to base hardware warranty
(plus options to extend warranty length)

BUNDLED ACCESSORIES

Keyboard, Mouse, Power Cable (IEC: USA/EU/UK),
Hardware Guide, Backmounted Rails

PHYSICAL SPECIFICATIONS

	W	H	D
Packed Dimensions	575mm 22.64"	210mm 8.27"	640mm 25.2"
Unit Dimensions	438.5mm 17.26"	88.5mm 3.42"	495mm 19.48"
Unit + Rack Handles	483mm 19"	-	520mm 20.5"
Rack Depth	-	-	520mm 20.5"
Unit Weight	12kg 26.5lbs		
Packed Unit Weight	15kg 33.1lbs		

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HARDWARE SPECIFICATIONS

Voltage: 100-240V, 50-60Hz*

Power Connection: IEC

Power Consumption Peak: 350W

Heat Dissipation Peak: 1,194 BTU/h

Operating System: Windows 10 LTSC

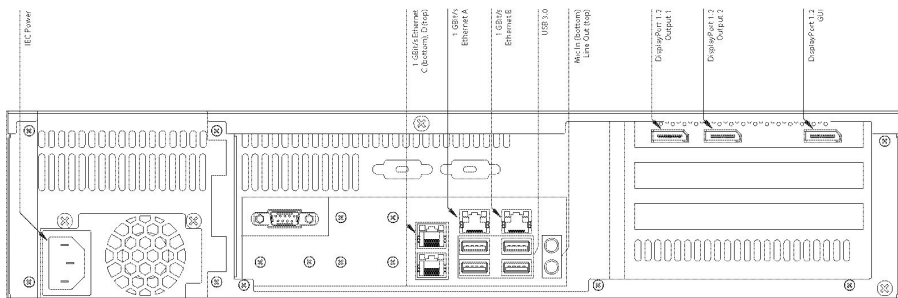
Environmental Tolerances: Temperature:
5-35°C (40°-95°F) / Humidity: 5%-95% (non-
condensing) / Altitude: 0-2700m (0-8850 ft)

Mounting System: 2U 19" rack mount

OS: 1x Internal Storage Drives

Storage: 1x 1.92TB Removable NVMe SSD

Memory: 8GB RAM (2x 4GB)



SYSTEM CONNECTIVITY I/O

Video Output:

- 1x Displayport 1.2 (GUI)
- 2x 4K outputs using Displayport 1.2

Video Input: Optional input cards:

- 2x HDMI inputs for 1080p60 (HDMI connectors)
- 3x 1.5G inputs (HD-BNC connectors)
- 2x 3G inputs (HD-BNC connectors)

Audio:

- Default - Stereo (1x in, 1x out)
- Optional audio card:
- Balanced XLR (circular 3-pin connector) - 2x in, 2x out
- Analogue (1/4 headphone jack)

Optical Audio: N/A

General Network:

- Default - 4x 1Gb/sec Ethernet
- Optional upgrade: additional 2x 10Gb/sec Ethernet

Data/Peripherals: 5x USB 3.0

- 2x USB 2.0
- 4x USB 3.0

Video Sync: N/A

*for countries with variable power supply we recommend a UPS to provide a consistent voltage.

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FULL HD PLAYBACK

Video codec	Content data rate	Max layer
HAP 30	31 MB/s	23
HAP ALPHA 30	8.67358 MB/s	21
HAPQ 30	61.25 MB/s	13
Animation 30	187.25 MB/s	3
TIFF Sequence 30	4237 MB/s	2
NotchLC 30	78.375 MB/s	7

4K DCI PLAYBACK

Video codec	Content data rate	Max layer
HAP 30	132 MB/s	8
HAP ALPHA 30	31.3024 MB/s	6
HAPQ 30	261.25 MB/s	3
Animation 30	798.25 MB/s	0
TIFF Sequence 30	949 MB/s	0
NotchLC 30	331.5 MB/s	1

Testing completed on r20

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CAPTURE LATENCY

The following table provides data on how many frames of latency the solo requires from capture to output:

solo NDI

Refresh rate	Normal mode (frames)	Low latency mode (frames)	Ultra-low latency (frames)
60Hz	7	6	5
50Hz	7	6	5
30Hz	7	6	5