

# 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
<b>Packed Dimensions</b>	575mm 22.64"	210mm 8.27"	640mm 25.2"
<b>Unit Dimensions</b>	438.5mm 17.26"	88.5mm 3.42"	495mm 19.48"
<b>Unit + Rack Handles</b>	483mm 19"	-	520mm 20.5"
<b>Rack Depth</b>	-	-	520mm 20.5"
<b>Unit Weight</b>	12kg 26.5lbs		
<b>Packed Unit Weight</b>	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

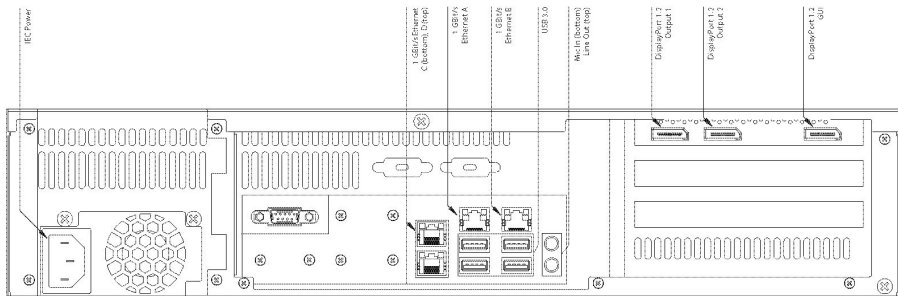
**Environmental Tolerances:** Temperature:  
5-35°C (40°-95°F) / Humidity: 5%-95% (non-  
condensing) / Altitude: 0-2700m (0-8850 ft)

**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 & frame rate	Content data rate	Max layers
HAP 30	31 MB/s	13
HAP 60	62 MB/s	6
HAPQ 30	61.25 MB/s	6
HAPQ 60	122.5 MB/s	3
Animation 30	187.25 MB/s	2
Animation 60	374.5 MB/s	1
TIFF Sequence 30	237 MB/s	2
TIFF Sequence 60	474 MB/s	1
NotchLC 30	78.375 MB/s	4
NotchLC 60	156.75 MB/s	2
ProRes 422 30	151 MB/s	5
ProRes 422 60	302 MB/s	3
ProRes HQ 30	232 MB/s	5
ProRes HQ 60	464 MB/s	3
ProRes 4444 30	348 MB/s	3
ProRes 4444 30	696 MB/s	1

## 4K DCI PLAYBACK

Video codec & frame rate	Content data rate	Max layers
HAP 30	132 MB/s	3
HAP 60	264 MB/s	2
HAPQ 30	261.25 MB/s	1
HAPQ 60	522.5 MB/s	0
Animation 30	798.25 MB/s	0
Animation 60	1596.5 MB/s	0
NotchLC 30	331.5 MB/s	1
NotchLC 60	663 MB/s	0
ProRes 422 30	654 MB/s	1
ProRes 422 60	1308 MB/s	1
ProRes HQ 30	991 MB/s	1
ProRes HQ 60	1982 MB/s	0
ProRes 4444 30	1490 MB/s	0
ProRes 4444 30	2980 MB/s	0

Testing completed on r29 196648

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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 SDI

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