XPression

XPression Tessera One Hardware Specifications



Dimensions

| Height | Width | Depth |
|-----------------|-------------------|-------------------|
| 42.8 mm (1.68") | 48.20 cm (18.98") | 57,76 cm (22.74") |

Weight

| Net Weight | Gross Weight (Shipped) |
|--------------|------------------------|
| 12.42 kg | 19.34 kg |
| (27.38 lbs.) | (42.63 lbs.) |

Hardware

| laraware | |
|------------------------------|--|
| Chassis | 1RU Chassis (rackmount) |
| Power Supply | 550W redundant supplies Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A |
| Power Consumption | Idle:150W Full load: 200W |
| Noise Level | Idle: 54bd, Full Load: 56db, Pitch<1000Hz |
| Temperature & Humidity Range | Temperature: 10–35°C (50°F–95°F) Humidity: 10% to 85% (Max dew point temperature = 40°C) |
| System Drives | 2x 256GB SSD RAID 1 (Mirrored) |
| Media Drives | 2x 2TB NVMe RAID 1 (Mirrored) |
| СРИ | Intel [©] Core i9-9900K, 8 Core, 16MB Cache, 3.6GHz, 5.0Ghz Turbo |
| Memory | 16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC |
| GPU | NVIDIA® Quadro RTX® A4000 16GB GDDR6, 6144 CUDA Cores, 4x Display Port 1.4 |
| Video I/O | Matrox® X.mio3-24L |

Image File Formats

*.tga | *.tif | *.psd | *.bmp | *.jpg | *.gif | *.png

Clip File Formats

AVI | MPEG | QuickTime† | Sequential Images

3D File Formats

*.3ds | *.obj | *.fbx | *.c4d

Inputs / Outputs

| Video | Up to 4 Video Outputs 2 Inputs |
|-----------|---|
| Audio | Embedded Audio Only |
| Reference | 1x Analog Black Burst (Bi-Level Sync) or Tri-Level Sync input |

Control

| Ethernet | 1x RJ-45 1G Ethernet Ports 1x RJ-45 10G Ethernet Ports |
|----------|--|
| GPI | RS-232 Serial GPI, RossTalk/Smart GPI through TCP/IP |
| USB | Front Panel 2x USB 3.1 (Type A) 1x USB 3.1 (Type C)/iGFX Display Port Rear Panel 2x USB 3.1 (Type C)/iGFX Display Port |

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 | USB key pre-installed internally |
| Software | XPression Software dongle |

Video Formats

480i 29.97Hz (NTSC) | 576i 25Hz (PAL) | 720p 50Hz | 720p 59.94Hz | 720p 60Hz | 1080i 25Hz | 1080i 29.97Hz | 1080i 30Hz | 1080p 29.97Hz | 1080p 50Hz | 1080p 59.94Hz | 1080p 60Hz | 1080psf 23.976Hz | 1080psf 24Hz | 1080psf 25Hz | 1080psf 29.97Hz | 1080psf 30Hz | Custom Formats

Included Software

- Microsoft® Windows® 10 Professional 64-bit O/S
- XPression software package

Warranty

12-Month System Warranty (parts / labor)

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