

XPression Maps Server Hardware Specifications



Dimensions

| Height | Width | Depth |
|-----------------|-------------------|-------------------|
| 4.28 cm (1.68") | 48.20 cm (18.98") | 57.76 cm (22.74") |

Weight

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

Hardware

| | |
|-------------------------|--|
| Chassis | 1 RU chassis (rack-mount) |
| Power Supply | 1x 550W single power supply Voltage Range 100-240 VAC Input Current 7.4 A- 3.7 A |
| System Drives | 1x 256GB SSD |
| Media Drives | 1x 1TB SSD |
| CPU | Intel® Core i7-8700K, 6 Core, 12MB Cache, 3.7GHz, 4.7Ghz Turbo |
| Memory | 16GB (2x8GB) 2666MHz DDR4 UDIMM Non-ECC |
| GPU | NVIDIA® Quadro P2200, 5 GB GDDR5X, 1280 CUDA® Cores, 4x Display Port 1.4 Connectors |
| Operating System | Microsoft® Windows® 10 Professional 64-bit |

Image File Formats

*.tga | *.jpg | *.png

Clip File Formats

AVI | MPEG | QuickTime | Sequential Images

Control

| | |
|-----------------|--|
| Ethernet | 1x RJ-45 1G Ethernet Port 1x RJ-45 10G Ethernet Port |
| 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 |

Temperature and Humidity

| | |
|--------------------------|--|
| Temperature Range | Operating: 10°C to 35°C (50°F to 95°F) Storage: -40°C to 65°C (-40°F to 149°F) |
| Relative Humidity | Operating: 10% to 85% (Max dew point temperature = 40°C) (non-condensing) Storage: 10% to 90% (Max dew point temperature = 60°C) (non-condensing) |

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 XPression Software dongle |

Video Formats

480i 29.97Hz (NTSC) | 576i 25Hz (PAL) | 720p 50Hz | 720p 59.94Hz | 1080i 25Hz | 1080i 29.97Hz | 1080p 23.976Hz | 1080p 29.97Hz | 1080p 50Hz | 1080p 59.94Hz | 1080p 60Hz | 2160p 60Hz | 2160p 59.97Hz | 2160p 50Hz | 2160p 29.97hz | Custom Formats

Included Software

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

Warranty

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

Specifications subject to change.