

Technical Specifications

MADRIX 5 Render Volume

1.5 million pixels (Recommended maximum for 2D or 3D)

MADRIX 5 Software License

1x **arcedia standard** (135,168 DMX channels / 44,880 DVI pixels / Lifetime / Included in purchase / Already activated)

MADRIX 5 Software License Upgrade (Optional)

1x **arcedia extended** (270,336 DMX channels / 89,760 DVI pixels / Lifetime / Available for purchase)

MADRIX RADAR Software Licenses

1x **core** (Unlocks all RDM devices & sub-devices connected through 3rd-party RDM nodes for Parameters, Snapshots, Sensors, Status Messages / Lifetime / Included in purchase / Already activated)

1x **big data** (Unlocks the Big Data features / Included in purchase / Already activated)

Power Supply

External, 180 W, AC 100 – 240 V, 50 – 60 Hz, 9.0 A max.

Power Consumption

34 W (Idle) / 95 W (Typical) / 130 W (Max.)

BTU/h

116 (Idle) / 324 (Typical) / 443 (Max.)

Memory / Storage

ECC RAM (Error-correction code) / 1 TB (NVMe)

Output Ports (Monitors/Displays)

4x Mini DisplayPort 1.4a (Via dedicated GPU) / 2x HDMI 2.0b + 1x DisplayPort 1.4b (Via integrated GPU)

Maximum Resolution (Monitors/Displays)

4,096 × 2,160 (4x @ 120 Hz) /

5,120 × 2,880 (4x @ 60 Hz) / 7,680 × 4,320 (2x @ 60 Hz)

Color Depth (Monitors/Displays)

8-Bit / 10-Bit / 12-Bit

Ethernet (Network)

RJ45, 1x 2.5 GBit/s, 1x 1 GBit/s (Pre-configured with valid IP addresses)

Audio

2x 3.5 mm mini jacks (Line-OUT / Microphone)

USB

4x ports, 10 GBit/s (USB 3.2 Gen 2), type-A female socket

Operating System

Windows 11 Pro (Already installed)

Handling

Industrial hardware platform (Certified for 24/7 operation), Active cooling, Bluetooth, WiFi (Designed for remote access, not for output of lighting-control data), Power switch (Illuminated), Kensington security slot

Case

Metal enclosure, 4x Chassis feet (Removable)

Dimensions

218 mm × 218 mm × 73 mm (8.58" × 8.58" × 2.87") (Length × Width × Height) (Incl. feet)
218 mm × 218 mm × 66 mm (8.58" × 8.58" × 2.60") (Length × Width × Height) (Excl. feet)

Rack-Installation Depth

218 mm (8.58")

Weight

2.1 kg (4.63 lb)

Package Accessories

1x Power supply (Plug type F CEE 7/7), 1x Adapter Mini DisplayPort to DisplayPort, 1x VESA mount adapter bracket (From 50 mm × 50 mm to 75 mm × 75 mm / 100 mm × 100 mm), 1x Technical manual,
Not included: Keyboard, mouse, monitor, network cables

Temperature Range

+10 °C to +36 °C (+50 °F to +97 °F) (Operating)

Relative Humidity

10 % to 90 %, non-condensing (Operating / Storage)

IP Rating

IP20

Certificates

CE, FCC, DIN 15781 (Entertainment Technology – Media Server)

Warranty

2 years of limited manufacturer's warranty (Extension up to 5 years upon request)
