

G4

This compact device delivers impressive performance, making it ideal for environments where space is limited but high-quality output is essential.

It brings the advanced capabilities of Realmotion software to your projects at an accessible price point.



KEY FEATURES

DIGITAL SIGNAGE

Perfect for video walls and larger digital signage applications

INTERACTIVE

Great option for entry level interactive capabilities of Realmotion engine

FORMAT

Small but mighty. Powerful machine that is easy to deploy.

OUTPUTS

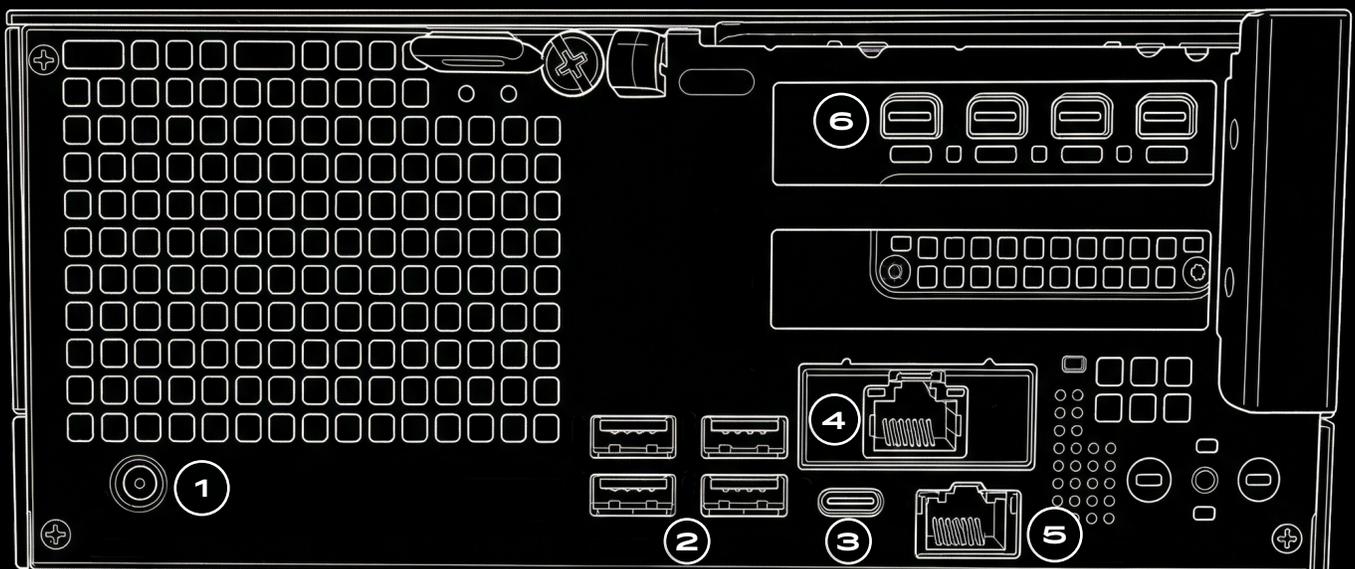
Up to 2 x 4K display or 3 x FHD in lossless codecs

CERTIFICATION

Certified for all major international safety and emissions standards

INCLUSIONS

3 year hardware warranty included
Perpetual Realmotion license included



LEGEND

1 Power supply outlet (280W)

3 USB-C 3.2

5 Ethernet (1GB)

2 4 x USB-A 3.2

4 Ethernet (5GB)

6 4 x Mini-DP 1.4a
(NVIDIA RTX 2000 ada)

REALMOTION G-SERIES

G4

HARDWARE

Form factor	Compact
Graphics	NVIDIA RTX 2000 Ada
Processor	Intel Core Ultra 20 cores 2.4 GHz - 5.3 GHz
RAM	32 GB DDR5
Boot drive	1TB Gen 4 PCIe NVMe
Data drive	N/A
RAID controller	No
Front USB ports	1 x USB C (3.2 gen 2) 2 x USB A (3.2 gen 2)
Rear USB ports	1 x USB C (3.2 gen 2) 2 x USB A (3.2 gen 2) 2 x USB A (3.2 gen 1)
Ethernet	2 x RJ45 (1GB + 5GB)
Wireless	N/A
Video ports	4 x MiniDP 1.4a
Audio port	Audio jack 1.8mm

SOFTWARE

Realmotion Engine	Perpetual license included
OS	Windows 11 IoT Enterprise LTSC
Audio (optional)	Dante virtual soundcard
Interactive (optional)	Notch Block / Touch Player

OPTIONAL EXPANSIONS

HDMI (video capture)	N/A
SDI (video capture)	N/A
Genlock	N/A
Audio	N/A

* Not all optional expansions are possible at the same time. Contact us for more information.

ELECTRICAL & OPERATING

Line voltage	100 - 240 VAC
Frequency	50 - 60 Hz
Power supply	280W
Operating temperature	0°C to 35°C (32°F to 95°F)
Operating humidity range	10% to 90% (non-condensing)
Storage temperature	-40°C to 65°C (-40°F to 149°F)
Storage humidity range	0% to 95% (non-condensing)
PSU certification	UL (North America) CE (Europe) UKCA (UK) PSE (Japan) CCC (China) BIS (India)

* Only main PSU certification standards are listed. Contact us if your standard is not listed.

WARRANTY & SECURITY

Warranty	3 years standard warranty included
Optional warranty	5 years
Regulatory compliance	CEC MEPS WEEE Japan Energy Law EU RoHS China RoHS

* Only main regulatory compliance standards are listed. Contact us for more information.

CHASSIS

Weight	5.59 lbs (2.54 kg)
Dimensions (H/W/D)	3.12" (79.30 mm) 8.11" (206 mm) 7.00" (178 mm)
Rack unit	2U
Rack mountable	N/A

CONTACT US AT INFO@REALMOTION.COM FOR A QUOTE