

# MATROX® VIDEO VIDEO WALL PRODUCTS



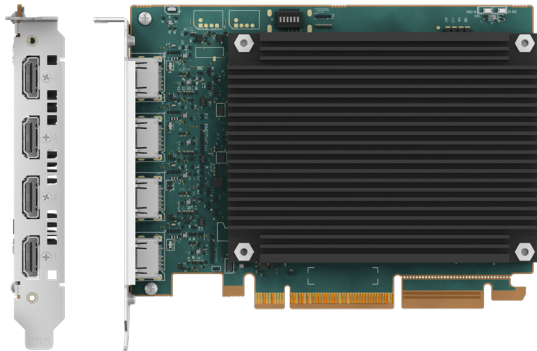
## Matrox® Mura C4K Quad HDMI 2.1 Capture Cards Enhanced Capabilities for Your Video Wall

Matrox® Mura™ C4K quad HDMI capture PCI Express® card provides OEMs and system builders with best-of-breed hardware and software to enhance their video walls and operator workstations. Mura C4K capture cards are ideal for control rooms, digital signage, AV presentation, and other applications that require high-density HDMI streams up to 4Kp60.

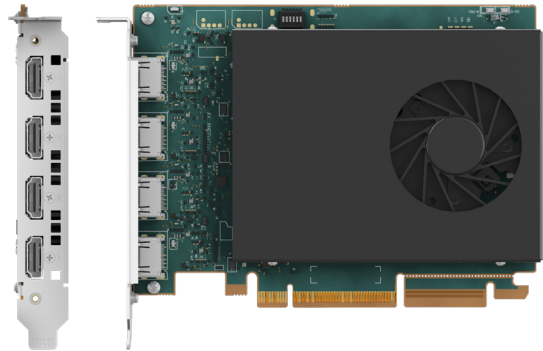
## Key features and benefits

<b>4K HDMI 2.1 capture</b>	Capture up to four (4) 4Kp60 streams per Mura C4K card.
<b>HDCP capture</b>	Capture HDCP v1.4/v2.3 content using the Mura C4K card and display it on your video wall using the Matrox LUMA Pro Series graphics card.
<b>Direct memory access</b>	Directly access system or graphics memory for a given application to obtain the raw data and perform a variety of processing operations—including analysis, warping, and rendering, among others.
<b>Dynamic system scalability</b>	Build video wall controllers, multi-viewers, and personal video walls to the scale required for specific projects. Optimized for performance, Mura C4K enables greater flexibility in integration while also offering enhanced reliability with its fanless SKU.
<b>Software control</b>	Manage your Matrox-based video wall, multi-viewer, or personal video wall locally or remotely with the intuitive Matrox MuraControl™ for Windows.
<b>APIs &amp; SDKs</b>	Deploy ready-to-use software or build custom interfaces and applications with Matrox Video software, APIs, and libraries. Use the Mura Network API to quickly build powerful video wall control software, or the Mura VWLib API for an even deeper level of customization.

## Product Lineup



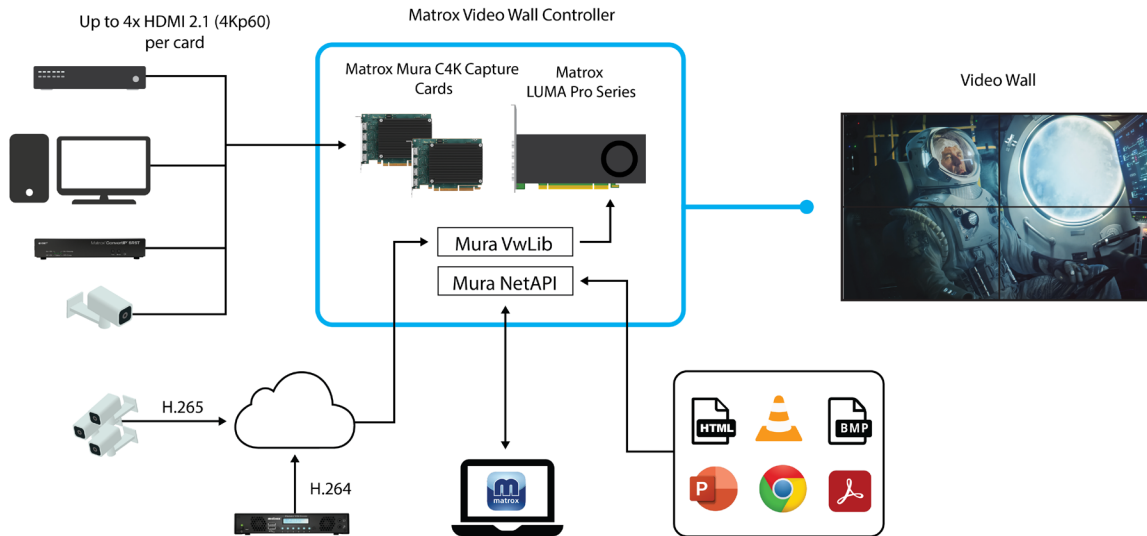
**MURA-C4KH**  
Single-slot PCIe® 4Kp60 HDMI quad-capture card provides increased reliability through its fanless design for high-density applications.



**MURA-C4K**  
Single slot PCIe® 4Kp60 HDMI quad capture-card delivers increased performance for high-density applications.

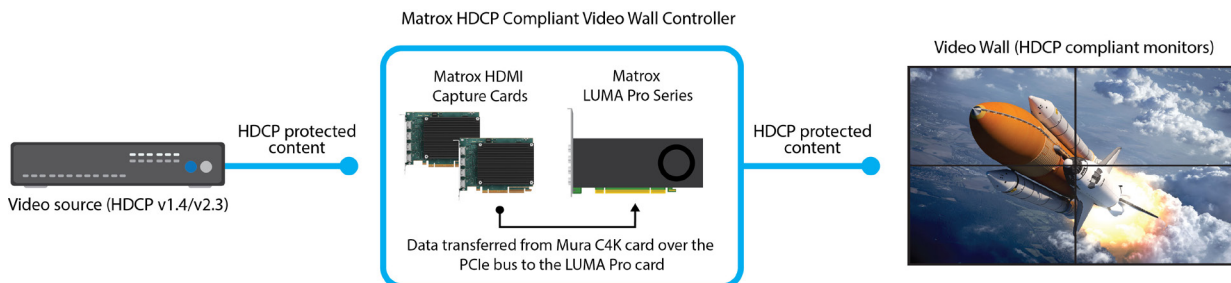
## Proven video wall ecosystem

Combine Matrox Mura C4K's exceptional multi-channel 4Kp60 capture and encode capabilities with Matrox LUMA Pro Series graphics cards to deliver up to 8x 8K60 or 16x 5K60 displays. Mura C4K capture cards also offer ready-to-use software, APIs, SDKs, and libraries, such as Matrox MuraControl, Mura VwLib, and Mura Network API, providing full control and customization of any video wall installation.



## HDCP compliant video wall controller

Mura C4K cards capture up to 4 x 4Kp60 HDCP v1.4/v2.3 sources from a single-slot card. When paired with Matrox LUMA Pro Series, Mura C4K capture cards can display HDCP protected content on video walls and operator workstations.



# Technical specifications

Product		Mura C4K	
Part number	MURA-C4KH	MURA-C4K	
Cooling	Passive	Active	
Connectors	4x HDMI 2.1 <sup>1</sup>		
Maximum input resolutions	4x 4096x2160 60Hz, 10-bit		
Bus interface	PCIe Gen 3.0 x16 (x8 electrical)		
Form factor	Standard height, half length, single slot		
Color Space			
Pixel transfer formats	<b>RGB:</b> 8:8:8, 10:10:10 (24/32 bits per pixel), <b>YUV:</b> 4:4:4, 4:2:2, 4:2:0 (8/10 bits per component), Color Space Conversion Support		
Video & Audio Processing			
Audio format	L-PCM, up to two channels		
Audio sampling rate	Between 32 KHz and 96 KHz		
HDCP compliance	HDCP v1.4 & v2.3 are supported with Mura C4K capture cards and Matrox LUMA Pro graphics cards <sup>2</sup>		
Environmental & Power Conditions			
Operating conditions	<b>Operating:</b> Temperature: 0 to 45 degrees Celsius, <b>Humidity:</b> 20% to 80% non-condensing, <b>Altitude:</b> from 650 hPa (3580m) to 1013 hPa (0m)		
Storage conditions	<b>Storage:</b> Temperature: -40 to 70 degrees Celsius, <b>Humidity:</b> 10% to 90% non-condensing, <b>Altitude:</b> from 192 hPa (12000m) to 1020 hPa (-50m)		
Typical power consumption	29.8W typical, 32W Max		
General Specifications			
Dimensions (L x H)/Weight <sup>2</sup>	5.953 inches (L) x 4.724 (H) inches 15.120 cm (L) x 12.615 cm (H) 0.66 lbs (298 grams)	5.953 inches (L) x 4.724 (H) inches 15.120 cm (L) x 12.615 cm (H) 0.58 lbs (264 grams)	
OS support	Windows 10/11/LTSC <sup>3</sup>		
Regulatory compliance	FCC (US) Class B, CE (European Union) Class B, RCM (Australia/New Zealand) Class B, KC (Korea) Class B, ICES-3 (Canada) Class B, UKCA (United Kingdom) Class B.		
Environment compliance	EU RoHS, China RoHS, REACH		
Warranty	3 years	2 years	
Accessories (sold separately)			
Secure cable solution	SK-SLNC-4		

1. Video pixel rate up to 600 Mpixel/sec.

2. Available in a future release through software update.

3. Including gold-fingers; not including bracket and connectors.

4. For more information, contact your Matrox Video representative.

## Contact Matrox Video

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