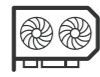
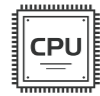


### Choice of Three Models

UMS4 is available in a range of models, scaling to the most demanding workloads. Select from pro, plus and max .

The max model features a 14 core Intel i9 processor coupled two Nvidia Quadro P5000 GPUs.

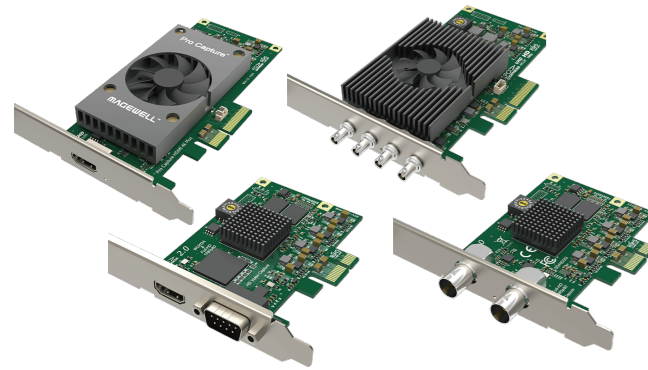
Each UMS4 model is optimized with pro workstation components for overall video performance



	UMS4 pro	UMS4 plus	UMS4 max
CPU	Intel i7 10 <sup>th</sup> Gen Comet lake	Intel i9 12 <sup>th</sup> Gen Comet lake	Intel i9 10 <sup>th</sup> Gen Comet lake
GPU	Nvidia Quadro 1 x RTX 4000 1 x 8GB GDDR6	Nvidia Quadro 1 x RTX A4000 2 x 8GB GDDR6	Nvidia Quadro 2 x P5000 2 x 16GB GDDRX
RAM	Kingston HyperX Fury 16GB DDR4 3200	Kingston HyperX Fury 32GB DDR4 3200	Kingston HyperX Fury 64GB DDR4 3200
SSD	Samsung M.2 512GB Internal SSD	Samsung M.2 1TB Internal SSD	Samsung M.2 2TB Internal SSD

### Video Capture Connectivity

Dual slots are provided for the installation of capture cards. Choose from 2K & 4K selected RGBlink certified Magewell HDMI and SDI options that are independently mounted from the back panel via an RGBlink connector panel to improve reliability and service lift.



### RGBlink MPS

Advanced Media Processing System software takes full advantage of the available GPU to deliver enhanced video output from on-disk pre-recorded or capture sources free of jitter and motion-blur .

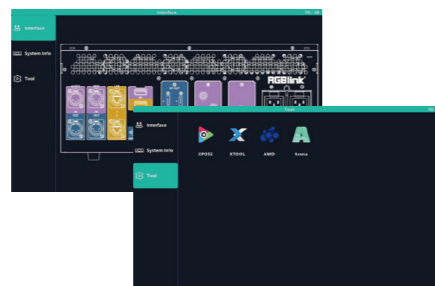
MPS supports full bandwidth uncompressed video with full fidelity, whether delivering to one output or four, splitting and stitching across outputs to requirement at full frame rate.



### Touch Screen Display & App Launcher

Onboard the UMS4i is a 7in touch screen, making the pc platform fully self contained and ideal for rack mounted installations whether across rental or fixed installation.

The UMS app launcher boots to the front panel display allowing quick and easy way of launching software as well as a range of diagnostics.



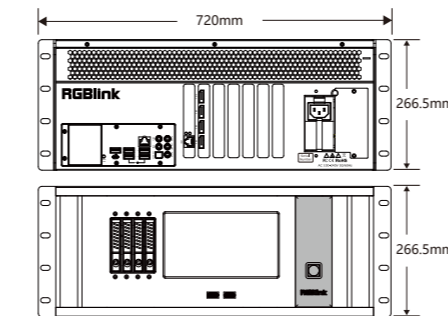
### Specifications

Connectors	Input / Capture	pro: 2slots plus: 1slot max: 4slots	plus	max	
		12G-SDI 3G-SDI HDMI 2.0 HDMI 1.3	4 x BNC (4x3G or 1x12G) 2 x BNC (In   Loop) 1 x HDMI-A 1 x HDMI-A		
	Output	DP 1.2	pro 3 x DP 1 x Type-C	plus 6 x DP max 8 x DP	
	Audio	In/Out S/PDIF	5 x 3.5mm mini-Jack 1 x Optical		
	Communications	LAN USB 3.2 USB 3.1	pro 2 x RJ45 7 x USB-A 1 x USB-C	plus 2 x RJ45 7 x USB-A 1 x USB-C max 2 x RJ45 7 x USB-A 1 x USB-C	
	Power Supply	2 slots, 1 PSU fitted as standard. 1 x IEC (each PSU)			
System	Hardware	Main Board CPU GPU/Video GPU Sync Memory SATA3 Slots M.2 Slots Int. Drives SSD Slots	pro ASUS Intel i7 1 x RTX4000 - 4 x DDR4 DIMM sockets 16GB installed 1 x 16GB HyperX rury	plus ASUS Intel i9 1 x RTX A4000 1 x Nvidia Quadro II 4 x DDR4 DIMM sockets 32GB installed 2 x 16GB HyperX rury	max Gigabyte Intel i9 2 x Nvidia Quadro P5000 1 x Nvidia Quadro II 8 x DDR4 DIMM sockets 64GB installed 4 x 16GB HyperX Fury
	Software	Operating System Installed Applications	pro Windows 10 RGBlink MPS & 4 CALS RGBlink App Launcher Nvidia Control Panel	plus Windows 10 RGBlink MPS & 4 CALS RGBlink App Launcher Nvidia Control Panel	max Windows 10 Enterprise RGBlink MPS & 4 CALS RGBlink App Launcher Nvidia Control Panel Nvidia Mosaic
	Power	Input Max Power	AC 100V-240V, 60/60Hz 1200W		
	Environment	Temperature Humidity	0°C~45°C 0%-65% RH		
	Physical	Weight Dimensions	Net (Device) Packaged (Flightcase)	15kg 33kg	
			Net (Device) Packaged Flightcase)	598x x 484 x 180mm 720 x 531x 267mm	

### Order Codes

Product code	Item
820-0002-05-0	UMS4 pro
820-0002-06-0	UMS4 plus
820-0002-07-0	UMS4 max
829-0001-01-0	12G-SDI Capture Card
829-0002-01-0	HDMI 2.0 Capture Card
829-0001-11-0	3SG-SDI Capture Card
829-0001-01-0	HDMI 1.3 Capture Card
829-0006-01-0	1200W Redundant Power Supply

### Dimensions



WEB: [www.rgblink.com](http://www.rgblink.com) EMAIL: [sales@rgblink.com](mailto:sales@rgblink.com) PHONE: +86 592 5771197

Proudly designed and manufactured in Xiamen Hi Technology Zone, China

**RGBlink**



[www.rgblink.com](http://www.rgblink.com)

**UMS**  
Media Server



Performance Platform For Media Delivery

**RGBlink**

# UMS4

## The Platform for Performance Media Software

Digital media delivery, whether player, server or capture applications are demanding in the extreme, requiring the best in high performance hardware. The RGBlink UMS Series of computer hardware delivers just that, with latest generation Intel i9 processors and a choice of professional Nvidia and AMD Radeon GPUs.

Reliability is essential too, with UMS media servers including features such as hot-swappable redundant power supply options, front panel SSD slots, dual port networking along with front panel monitoring from the integral touch screen display.

Connectivity is king with up to 12K of configurable output via the RGBlink isolated DisplayPort connector panel, protecting the GPU card from connector turn degradation. Two slots are provided for installation of a select platform approved capture cards including 12G-SDI and HDMI 2.0.

Robustness and reliability of the UMS platform is further enhanced with a rugged rack mount housing and internal dampening.

UMS solutions are ideal companions for video wall processors and similar devices, and perfect for integration, digital signage and events applications.

- Installation friendly high performance media graphics platform
- Choice of three models
- Workstation CPUs & GPUs
- Windows 10 pre-installed
- RGBlink MPS media processing system
- Support for BYO media server software & apps



4 SSD Slots



Optional Redundant PSU



On board touch screen control & monitoring

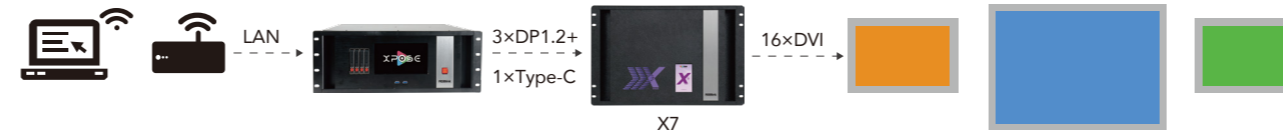


Dual LAN Ports

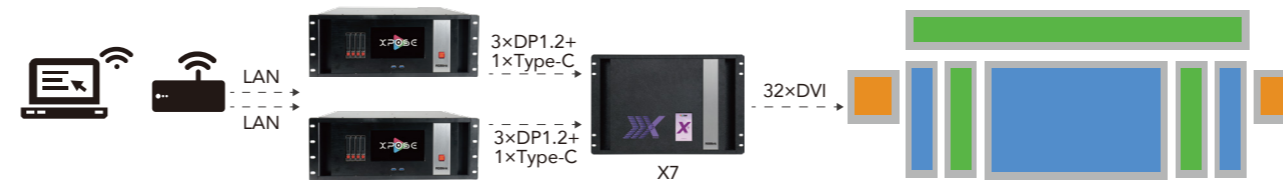


## Control Remotely

RGBlink Advanced Media Processing System (MPS) software access licenses are provided, enabling remote connection a control of media on a UMS4.



Control multiple MPS instances remotely, providing opportunities to deliver media at almost any scale



## Multi-Source Layering

Use RGBlink MPS to configure and output multiple video sources as layers, windows or PIPs, allowing outputted media to be tailored the needs of downstream processors and displays directly from the source.

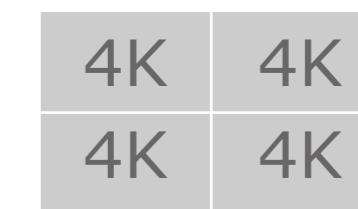
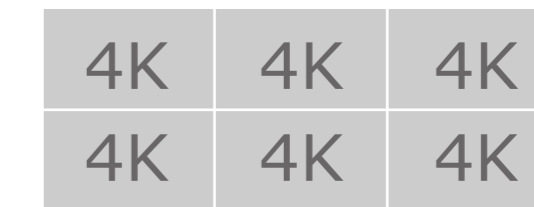
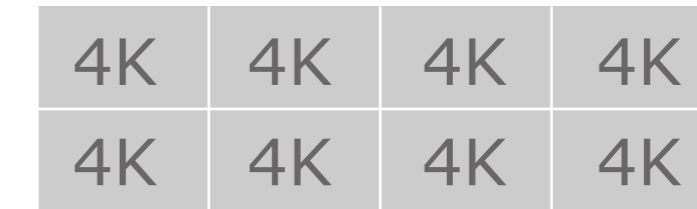
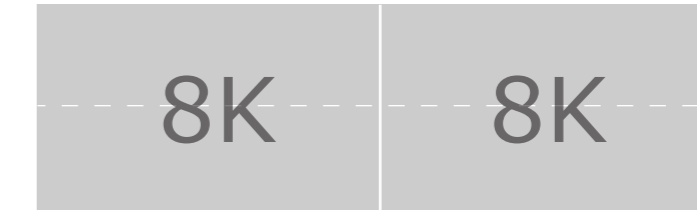


## Multi-4K Video Media Platform

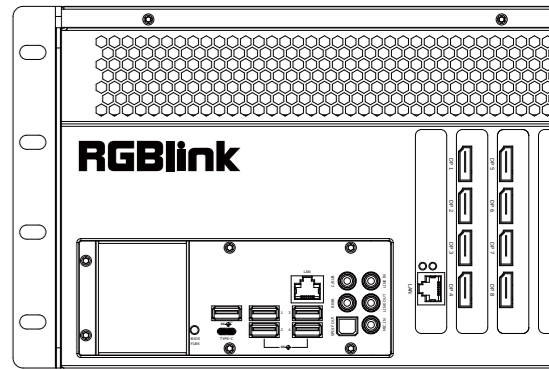
True multi-signal 4K and 8K video delivery platform, the UMS4 Series media provides the raw power demanded for modern hi-density and largescale media display applications with ease.



\* UMS4 max shown as example configuration. Refer to Specifications and Guides

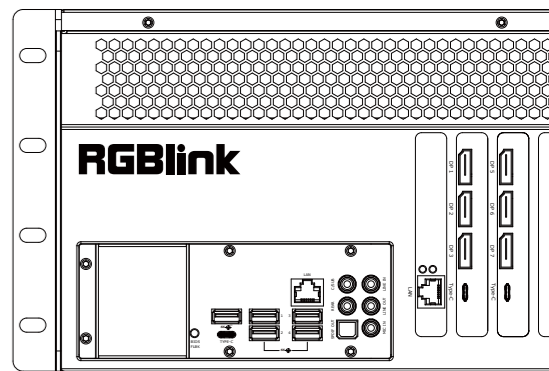


## UMS4 max



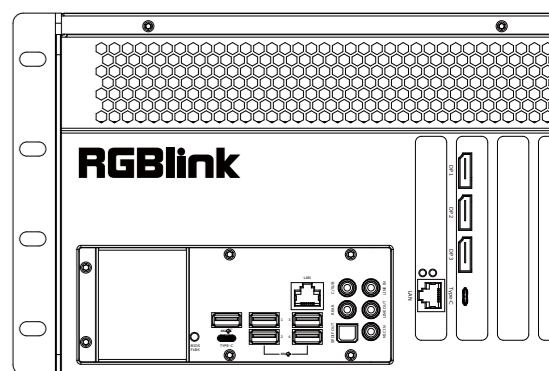
Standard with eight DisplayPort 1.2 outputs, UMS4 max supports resolutions up to 7680x4320@30 or 7680x2160@60 on single cable or up to eight 4K displays

## UMS4 plus



Featuring DP outputs with DP1.2, UMS4 plus suggest powers up to six 4K displays

## UMS4 pro



Four 4K DisplayPort 1.2 outputs