

- **RMVS Series**
- **1U monitor/keyboard drawer with KVM**



**Trackball Keyboard**



**Glidepad Keyboard**



**NEMA4X Keyboard**

- **Three keyboard options, 8- or 16-port KVM options and three LCD options up to 19-inch!**

Kontron's RMX and RPD series 1U monitor/keyboard drawers have been fulfilling the needs of our customers for over five years. During this time, we've noted additional requirements customers have requested in these products. Incorporating these inputs, Kontron introduces our revolutionary new RMVS 1U Series offering more valuable features and options than any other comparable model in the market!

The RMVS Series offers three different LCD display sizes up to an unprecedented 19-inch option, all with high contrast ratios and wide viewing angles. The monitor flips up and stays put in any position due to its heavy-duty Torq hinge. Choose from three different standard keyboard configurations based on your application including a mini-keyboard

with trackball, full keyboard with glidepad, or a NEMA4X sealed keyboard option. Additional keyboard configurations are available by special order.

The RMVS was designed to allow for multiple back panel termination options including analog RGB, DVI or S-Video outputs and 8- or 16-port KVM which can be cascaded to control up to 512 systems. The unit comes standard with pre-installed ball-bearing slide rails making rack installation faster and easier than ever. Non-ball bearing slide rails, which are the best choice for mobile or heavy-vibration applications, are also available by special order. The unit comes in a standard black finish, but can be customized to any color or logo.

- **Mounts in standard 19-inch rack cabinets (23- to 30-inch depth)**
- **Pre-installed slide rails makes installation easy - less than 5 minutes!**
- **15-, 17- or 19-inch TFT LCD with anti-glare hard coat**
- **Three standard keyboard options**
- **Optional 8-port or 16-port KVM**
- **Special order options include: additional keyboard configurations, DVI or S-Video outputs, non-ball bearing slide rails, and a locking hinge to allow monitor to lock at multiple angles**

## ➤ RMVS Series - Technical Specifications

Monitor	15-inch	17-inch	19-inch
Display Type	TFT active matrix XGA LCD with antiglare hard coat H3		
Display Colors	16.7 million		
Resolution (max.)	1024 x 768	1280 x 1024	1280 x 1024
Contrast Ratio	300:1	350:1	500:1
Viewing Angle	65/65/50/50	60/60/50/50	85/85/85/85
Luminance	250nits (cd/m2)	270nits (cd/m2)	250nits (cd/m2)
Response Time	Tr: 5ms; Tf: 20ms	Tr: 5ms; Tf: 20ms	Tr: 15ms; Tf: 10ms
Horizontal Scanning Frequencies	30 to 61Hz	30 to 80Hz	30 to 64Hz
Vertical Scanning Frequencies	55 to 76Hz	55 to 75Hz	56 to 75Hz
Video Inputs	analog RGB (special order: analog RGB & S-Video)	analog RGB (special order: analog RGB & DVI or analog RGB & S-Video)	analog RGB (special order: analog RGB & S-Video)
Input Connector Type	15-pin mini DSUB		
Cable	Standard VGA		
Monitor Control Type	Digital microprocessor OSD control		
Memory Modes	15 factory preset, nine user-settable		
Power Management	VESA DPMS compatible		
VESA Plug-n-Play Level	DDC1/2B		
On-screen Adjustment	Contrast, brightness, H-position, V-position, phase, clock, factory defaults, auto-setup, color and language		
MTBF	25,000hrs		

Keyboard	Trackball	Glidepad	NEMA4X
Number of Keys	83	105	88
Key Design	mechanical keys with gold crosspoint contacts for high-precision key action	scissor type key architecture; membrane switch mechanism	NEMA4X sealed, advanced laser process for super sharp, long-lasting key top legends
Key Pitch	17.8mm	19.05mm	TBD
Peak Force	TBD	55 ±15g	TBD
Switch Travel	TBD	2.4 ±0.5mm	TBD
Special Features	LED lights indicate status of operating functions	Cirque glidepad allows full mouse functionality	LED backlit key and custom off/on key engraving options available by special order
Integrated Pointing Device	High-quality 16mm trackball and 2-button mouse	Cirque glidepad allows full mouse functionality	Sealed pressure pointer and 2-button mouse
Individual Key Life	20 million cycles (approx.)	5 million key cycles (approx.)	10 million key cycles (approx.)
MTBF	134,000hrs	TBD	TBD
Color	Standard black; beige available by special order	Standard black	Standard black; custom colors available by special order

KVM	8-port	16-port
On-screen display	Full-featured OSD tools included	
Extension/Cascade Capability	Using additional KVM switches, can cascade to control up to 512 systems	
Cable	High-density KVM cable	

## ➤ RMVS Series - Technical Specifications

<b>Chassis/Drawer</b>	
<b>Mounting</b>	Standard 19-inch rack
<b>Slide Rails</b>	Pre-integrated/installed with cable management guides for 23- to 30-inch depth; standard ball-bearing (non ball-bearing available as special order)
<b>Dimensions (W x H x D)</b>	19 x 1.75 x 24-inch (483.6 x 44.5 x 609.6mm) max.
<b>Security</b>	Keylock
<b>Monitor Hinge</b>	Heavy-duty Torq hinges to 60lbs (27.22kg) (locking hinge available as special order)
<b>Color</b>	Standard black, medium texture paint, powder coated; custom colors and logos available as special order
<b>Power Requirements</b>	12VDC input with and AC/DC power converter accepting 100/240VAC, 50 to 60Hz
<b>Power Consumption</b>	60W (typical)
<b>Operating Temperature</b>	0 ° to 50 °C (32 ° to 122 °F)
<b>Non-Operating Temperature</b>	-20 ° to 60 °C (-4 ° to 40 °F)
<b>Humidity</b>	20 to 80% non-condensing
<b>Altitude</b>	10,000-feet (3048-meter)
<b>Agency Approvals</b>	UL listed, CE, TUV GS and FCC Class B approved
<b>Support</b>	Superior pre- and post sales technical support, 2-year limited warranty
<b>Ship Kit</b>	RMVS unit, power cord (KVM models: two high density KVM cables)

### Ordering Guide

- To determine the part number, start with the base model (RMVS-1U); then add the corresponding choice (in bold) for monitor size, keyboard option and KVM option. Example: for a 19-inch monitor, 105-key keyboard with glidepad, no KVM - the part number would be RMVS-1U19BA.

Base Model	(Monitor size)	(Keyboard option)	(KVM option)
RMVS-1U	15 = 15-inch 17 = 17-inch 19 = 19-inch	A = 83-key with trackball B = 105-key with glidepad C = 84-key NEMA4X	A = no KVM E = 8-port KVM C = 16-port KVM

#### Corporate Offices