

# ERW-19

1U Widescreen 19" Rackmount LCD with  
Notebook Keyboard, Touch Pad & Optional KVM



## Generation 4

### General Information

Form Factor	: 1U Rackmount
Mounting Type	: 4 Post/Cabinet (2 Post Available)
Number of Drawers	: 1
LCD Access	: Clamshell Style
Model Version	: Generation 4 (Gen4)
Pointing Device	: Touch Pad (Track Ball Available)
Color	: Black (Custom Available)
Hardware Supported	: Multi-Platform
Regulatory Approval	: CE, FCC, RoHS
Warranty	: 2 Years (Extended Available)

### LCD

Display Size	: 19" Widescreen
Ratio	: 16:10
LCD Manufacturer	: Samsung
LCD Type	: Grade A Industrial TFT LCD Panel
Backlighting	: LED
Resolution	: 1440x900
Display Color	: 16.7M
Brightness	: 300 cd/m <sup>2</sup>
Contrast Ratio	: 1000:1 typical
Response Time	: Tr=1.3 / Tf=3.7
Pixel Pitch	: 0.284 (H) x 0.284 (V)
Viewing Angle	: 160° / 160°
Signal Input	: VGA (Optional DVI-D)
MTBF	: 50,000 hours

### KVM

Number of Ports	: 8 (Std/Cat 6) / 12 (DVI-D) / 16 (Std/Cat 6) / 32 (Cat 6)
Maximum Cascade	: 8 Levels (64-256 Servers) Std & Cat 6 Only
Dongles Options	: PS/2+VGA, USB+VGA, USB+DVI-D

### Remote IP Option

Number of IP Ports	: 1 (Models Ending in: IP / M3X-IP / M4X-IP)
	: 2 (Models Ending in: M4X-2IP)
User Management	: 15-User Login; 1-4 Active Users Possible
Security	: SSL v3, RSA, AES, HTTP/HTTPS, CSR
IP Access	: 1 x RJ45 Ethernet, 1 x DB9 Serial, 1 x USB

### Multi-User Option

Remote Boxes	: 1 (Models: 2X / M2X / M3X-IP / M4X-2IP)
	: 2 (Models: M3X / M4X-IP)
	: 3 (Model: M4X)
Keyboard/Mouse	: 2 x USB-Type Connectors
Remote I/O	: RJ45 via Cat 5/Cat 5e/Cat 6 up to 330ft

### Power Adapter

<b>SINGLE &amp; NON-MATRIX</b>	
Input	: 100-240VAC~1.5A Max 50/60Hz
Output	: 12V~4.0A
Consumption	: Max 48 Watts
<b>MATRIX KVM (All Multi-Active User KVM Models)</b>	
Input	: 100-240VAC~1.3A Max 50/60Hz
Output	: 12V~7.0A
Consumption	: Max 84 Watts
Internal/External	: Internal IEC-Type C13
Optional DC	: 12V / 24V / 48V DC Input Available

### Environmental

Temperature	: 0 to 50 Degree Celsius (Operation)
	: -5 to 60 Degree Celsius (Storage)
Relative Humidity	: 5~90%, Non-Condensing
Shock	: 10G Acceleration (11ms Dur, Half Sine)
Vibration	: 5~500Hz 1G RMS Random Vibration

### Mounting Depth

w/ VGA, DVI-D	: 3" to 5.5" (2 Post, 12" Brackets)
w/ VGA, DVI-D	: 17.25" to 26.4" (4 Post, 12" Brackets)
w/ VGA, DVI-D	: 18.1" to 29.5" (4 Post, 16" Brackets)
w/ BNC or DC	: 21" to 32" (4 Post, 16" Brackets)
w/ KVM	: 23.5" to 34.5" (4 Post, 16" Brackets)

### Dimensions & Weight

w/ VGA, DVI-D	: 17.4" W x 1.73" (1U) H x 18.1" D; 25 lbs.
w/ VGA, DVI-D	: 17.4" W x 1.73" (1U) H x 18.1" D; 25 lbs.
w/ VGA, DVI-D	: 17.4" W x 1.73" (1U) H x 18.1" D; 25 lbs.
w/ BNC or DC	: 17.4" W x 1.73" (1U) H x 19.7" D; 26 lbs.
w/ KVM	: 17.4" W x 1.73" (1U) H x 22.8" D; 27 lbs.



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