

RD-1701/1708

ECS

Embedded Computer Source

1U Rackmount Serverfarm Control Unit 17" TFT



- ⇒ **High brightness 17" TFT LCD display support SXGA (1280 x 1024) resolution**
- ⇒ **Dual inputs for analog and DVI signals (RD-1701 only)**
- ⇒ **Durable keyboard/touchpad or rackball**
- ⇒ **OSD function (On Screen Display) for LCD display and KVM Switch**
- ⇒ **Built-in power supply**
- ⇒ **Built in KVM switch function for easy controlling and monitoring of up to 8 residing servers/platform or up to 512 systems by cascading (RD-1708 only)**

RD-1701/1708

1U 17" TFT monitor/keyboard drawer

Technical Information

Mounting	Rack mount, 19" (482.6mm)
Display Type	LCD, TFT panel display with built-in power saving and back light protection functions
Display Size	17" diagonal
Viewing Area (W x H)	337.92 x 270.34mm (13.3 x 10.64")
Dimensions (W x H x D)	17.34" x 1.73" x 21.65" (440 x 44 x 550mm)
Contrast Ratio	500:1 (typical)
Viewing Angle	Horizontal: 70/70° (typical) Vertical: 70/70° (typical)
Display Colors	262k (RGB 6-bit)
Maximum Resolution	SXGA (1280 x 1024)
Brightness	300 nit
Response Time	Tr: 6 ms Tf: 2 ms
Interface	Analog RGB input DVI: input (RD-1701 only)
LCD Controller	Genesis 5621 LCD controller
Scanning Frequencies	Vsync: 57~75Hz Hsync: 80kHz
Backlight	Backlight automatically shuts off when display is closed
Pixel Pitch (H x V)	0.264 x 0.264mm
LCD Panel protection	Tempered glass to protect LCD panel
Cable Connector	RD-1701: 15-pin DSub, DVI-D connector RD-1708: DB25 keyboard/video/mouse input
KVM Switch (RD-1708 only)	KVM switch control: Front panel switch, hotkey & OSD control KVM support: Up to eight systems; cascading to three levels, up to 512 systems
Monitor Control Type	Digital microprocessor OSD control
VESA Plug-n-Play Level	DDC1 and DDC2B

Screen Adjustment Controls	Menu, auto adjustment, brightness, contrast, phase, H/V position, zoom, color, OSD position, etc
Power Management	VESA DPMS, EPA/Energy Star compliant
Keyboard	PS/2, 84-key computer keyboard (RD-170*B only) PS/2, 104-key notebook keyboard with numeric touchpad (RD-170*C only)
Integrated Pointing Device	PS/2, high-quality 16mm trackball (RD-170*B only) PS/2, high-quality touchpad (RD-170*C only)
Construction	SECC
Housing	Meets EIA RS-310C 1U 19" rack mount standard
Color	Black
Weight	30.8lb (14kg)
LCD Life	40,000hrs for backlights
Power Supply	Input: 115 to 230VAC, 1.8A, 50/60Hz, 2/1A Output: 12VDC@3A, 2.5W per channel Type: AC PSU auto-switching
Power Consumption	26.25W (typical), 36W (max)
Operating Environment	Temperature: 0°C~45°C (32° F to 113° F) Humidity: 20~90%@40°C (104° F), non-condensing Vibration: 10 to 58Hz, ± 0.15mm; 58 to 500Hz, 1g
Non-Operating Environment	Temperature: -20°C~60°C (-4° F to 158° F) Humidity: 5~95%@40°C (104° F), non-condensing Vibration: 10 to 58Hz, ± 0.15mm; 58 to 500Hz, 2g
Agency Approvals	CE/FCC Part 15, class A EN 60950 Safty
Support	Superior pre and post sales technical support Two year limited warranty
Ship Kit	1U monitor/keyboard drawer AC power cord

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Source

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