RPD-1171/ 8

1U rack mount 17" TFT monitor/keyboard drawer with optional 8-port KVM

Industrial level input device for space-critical environments

The RPD-1171/RPD-1178 are ideal solutions to optimize your space utilization by controlling your systems in just 1U rack space.

With the RPD-1171/RPD-1178, you can control up to eight platforms and easily expand the connections up to 512 systems with the combination of KVM switch boxes. The RPD-1171 and RPD-1178's 17-inch TFT LCD display and keyboard/touchpad provide a reliable and user friendly input environment. All of these functions are integrated into a 19- inch wide, 1U high space with rugged construction design to achieve ultra space saving and high availability for industrial/network applications.

Features incluede:

➤ High brightness 17-inch TFT LCD display support SXGA (1280 x 1024)resolution

➤ Dual inputs for analog and DVI signals (option for RPD-1171 only)

➤ Durable keyboard/touchpad or trackball

➤ 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 (RPD-1178 only

RPD-1171/ 8 - Technical Specifications

Mounting
• Rack mount, 19-inch (482.6mm)

Display Type
• LCD, TFT panel display with built-in power saving and back light protection functions

Display Size
• 17-inch diagonal

Viewing Area (W x H)
• 337.92 x 270.34mm (13.3 x 10.64inch)

Dimensions (W x H x D)
• 17.34 x 1.73 x 21.65-inch (440 x 44 x 550mm)

Contrast Ratio
• 400:1 (typical)

Viewing Angle
• Horizontal: 70/70 degrees (typical)
• Vertical: 70/70 degrees (typical)

Display Colors
• 16.2 million (RGB 6-bit)

Maximum Resolution
• SXGA (1280 x 1024)

Brightness
• 260 nit

Response Time
• Tr:12 ms
• Tf:4 ms

Interface
• Analog RGB input
• DVI input (option for RPD-1171 only)

LCD Controller
• Genesis gm5120 LCD controller

Scanning Frequencies
• Vsync: 57 ~ 75Hz
• Hsync: 80 kHz

Backlight
• Backlight automatically shuts off when display is closed

Pixel Pitch (H x V)
• 0.264 x 0.264mm

LCD panel protection
• Tempered galss to protect LCD panel

Cable Connector
RPD-1171
• 15-pin DSUB
• DVI-D connector (optional)
RPD-1178
• DB25 keyboard/video/mouse input

KVM Switch (RPD-1178 only)
• KVM switch control: Front panel switch, hotkey & OSD control
• KVM support: Up to eight systems; cascade 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 (RPD-117∗B only)
• PS/2, 88-key notebook keyboard with numeric keypad (option for RPD-117∗C only)

Intergrated Pointing Device
• PS/2, high-quality 16mm trackball (RPD-117∗B only)
• PS/2, high-quality touchpad (RPD-117∗C only)

Construction
• SECC

Housing
• Meets EIA RS-310C 1U 19-inch 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 $^\circ$ to 45 $^\circ$C (32 $^\circ$ to 113 $^\circ$F)
  Humidity
  • 20 to 90% @ 40 $^\circ$C (104 $^\circ$F), non-condensing
  Vibration
  • 10 to 58Hz, ± 0.075mm; 58 to 500Hz, 1g

Non-Operating Environment
  Temperature
  • -20 $^\circ$ to 60 $^\circ$C (-4 $^\circ$ to 158 $^\circ$F)
  Humidity
  • 5 to 95% @ 40 $^\circ$C (104 $^\circ$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
• One 1.8-meter KVM cable (RPD-1178 only)
• Support CD containing user's manual

Ordering Guide

RPD-1171B
1U 17-inch TFT monitor/keyboard drawer with Cherry keyboard and trackball

RPD-1171C
1U 17-inch TFT monitor/keyboard drawer with notebook keyboard and touchpad

RPD-1178B
1U 17-inch TFT monitor/keyboard drawer with 8-port KVM, Cherry keyboard and trackball

RPD-1178C
1U 17-inch TFT monitor/keyboard drawer with 8-port KVM, notebook keyboard and touchpad