

RD1U Series

Rack Drawer 1U

DITHD

Display Integration Technologies

.com

THE WORLD'S MOST CONFIGURABLE MONITORS

SERIES

RD1U-CxT



The RD1U-CxT is a low profile 19" 1U Rack Drawer Clamshell with LCD monitor and Keyboard /mouse combination. With its Display and Keyboard mounted to the left (CLT) or right (CRT), this unit is designed for tight spaces. It comes with your choice of keyboard/pointer option, front face handles and latches, KVM Switch, and AD controller card. It comes in 24, and 26" depth, depending on monitor size and KVM Switch options you choose. Other options include high bright panel, optical bonding lens, and Resistive or PCAP Touch.

FEATURES:

- LED Backlit LCDs
- Optional AR or AG Glass Lens
- Optional High Bright and Optical Bonded LCD
- Optional Resistive or PCAP Touch
- Integrated MIL-SPEC C300 Friction Slide Rails
- Rugged Aluminum-welded Construction
- Multiple Industrial Grade Controller Options
- Multiple Keyboard and Mouse/Pointer Options
- Integrated Cable Guild System
- Operation is from the side, fits in tight spaces
- Fits Into Racks from 24 to 34 inches in depth
- Multiple KVM Switch options to choose from
- 12 VDC or 9-36 VDC Operation
- Multiple Power Inlet Connectors to chose from



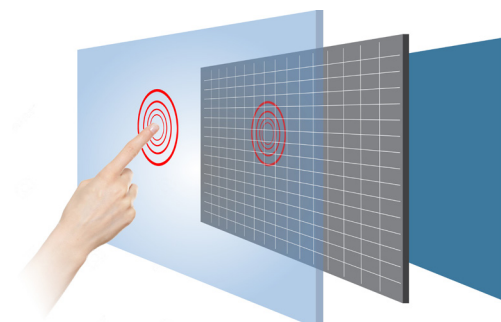
CRT Open From Right Side

RD1U-CRT26173W Shown



CLT Open From Left Side

RD1U-CLT26173W Shown



Resistive and PCAP Touch options

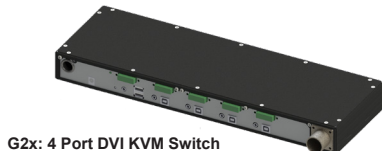
Popular KVM Switch Options



D1: 4Port Display Port KVM Switch



E2u: 8 Port VGA KVM Switch



G2x: 4 Port DVI KVM Switch



O8.2: 8 Port HDMI KVM Switch



IPx: 8, 16, 32 Port RJ45 KVM Switch
DVI, VGA, HDMI, and Display Port Supported

*Other Back Housing Configurations to Choose from or have us make a custom one for you.

Video Controllers

V33x Rugged FHD Controller

- Max Resolution 1920x1200 60hz
- Input Options Available: HDMI x1, VGAX1, Display Port x1
- Designed to Meet Shock and Vibe Requirements
- Command and Controls: Consolidated OSD Buttons on Front

V35x Rugged Embedded Controller

- Max Resolution 1920x1200 60hz
- Input Options Available: VGAX1, Display Port x1 (HDMI, DVI-D, or 3G-SDI pick only 1)
- Designed to Meet Shock and Vibe Requirements
- Command and Controls: Consolidated OSD Buttons on Front
- Optional 3G-SDI Interface can be Integrated

*Other Controller Cards Available with Multiple Options

Popular LCD Options

19LH SXGA 1280x1024 (Max Res)

19" LED Backlit LCD w/ Anti-Glare

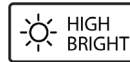
- Viewing Angles: 85/85/80/80
- Contrast Ratio: 1000:1
- Brightness: 350 NITS
- Response Time: 10ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M), NTSC 70%
- Operating Temp: -30°C to 85°C
- Storage Temp: -30°C to 80°C



19HB SXGA 1280x1024 (Max Res)

19" LED Backlit LCD w/ Anti-Glare

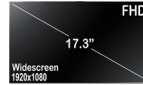
- Viewing Angles: 85/85/80/80
- Contrast Ratio: 1000:1
- Brightness: 1600 NITS
- Response Time: 10ms
- Surface Finish: AG, 3H
- Color: 8 Bit (16.7M), NTSC 70%
- Operating Temp: -30°C to 70°C
- Storage Temp: -30°C to 70°C



173W FHD 1920x1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 80/80/60/80
- Contrast Ratio: 600:1
- Brightness: 400 NITS
- Response Time: 40ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M)
- Operating Temp: 0°C to 70°C
- Storage Temp: -20°C to 70°C



173HB FHD 1920x1080 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 80/80/60/80
- Contrast Ratio: 600:1
- Brightness: 1000 NITS
- Response Time: 40ms
- Surface Finish: AG, 3H
- Color: 6-bit+HiFRC (16.7M)
- Operating Temp: 0°C to 70°C
- Storage Temp: -20°C to 70°C



Coming Soon !

173U UHD 3840 x 2160 (Max Res)

17.3" Wide LED Backlit LCD w/ Anti-Glare

- Viewing Angles: 89/89/89/89
- Contrast Ratio: 1000:1
- Brightness: 400 NITS
- Response Time: 27ms
- Surface Finish: AG
- Color: 8bit (16.7M), 100% ADOBE RGB
- Operating Temp: 0°C to 50°C
- Storage Temp: -20°C to 60°C



*Other Panels and lens Enhancement Available

Popular Keyboard Options



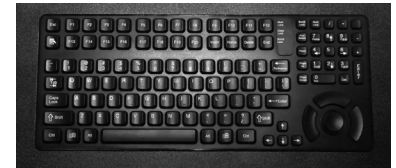
- Qx: iKey 97-Key NEMA 4 Keyboard (USB or 2xPS2)
- Integrated 2 Button Touch-pad and 10-Key Number Pad
- Industrial silicone rubber Continuous Use: 10 million cycles
- Storage: -40°C to +90°C, Operating: -40°C to +70°C
- Optional Red Back-light version (QB)



- A2x: Cherry 89-Key Keyboard (USB or 2x PS2)
- Integrated 2 Button Optical Trackball
- Gold Crosspoint Contacts, Cherry ML Technology
- Continuous Use, 20 million cycles
- Storage: -40°C to +65°C, Operating: 0°C to +40°C
- MTBF 8.6 Million Hours



- I2u: TG3 82-Key Keyboard (USB or 2x PS2)
- Integrated 2 Button Glide Pad
- Rubber Membrane Blanket Technology
- Continuous Use, 5 million cycles
- Storage: -40°C to +60°C, Operating: 0°C to +50°C



- Hx: iKey113-key NEMA 4X keyboard (USB or 2x PS2)
- Integrated 3 Button Pointer with Force Sensing Resistor
- Industrial silicone rubber Continuous Use, 10 million cycles
- Storage: -40°C to +70°C, Operating: 20°C to +60°C



- Mx: Devlin 119-key keyboard (USB or 2x PS2)
- Soft feel Tactile ML Switch, Switch Life 50 Million Operations
- Integrated 3 Button Touchpad
- Windows, MAC, SUN and Lynx Operating Systems

*Other Keyboards Available

SPECIFICATIONS

- Dimensions: 19"W x 1.75"H x 24 or 26"D
- Weight: ~ 35 LBs (RD1U-CLT26173W)
- Power Consumption: Less than 45W

Values are approximate and vary based on configuration



Series	Opens to	Depth	Display Type	Project No	Rev
RD1U - CxT	24	173W	.XXXX	.xx	
Rack Drawer 1U	CLT Left CRT Right	24, 26	173W, 173HB, 19LH, 19HB	We assigned your project a unique Project Number	We give your project a Revision Number

► Custom Options Available On All DITHD Models



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Mechanical Drawings

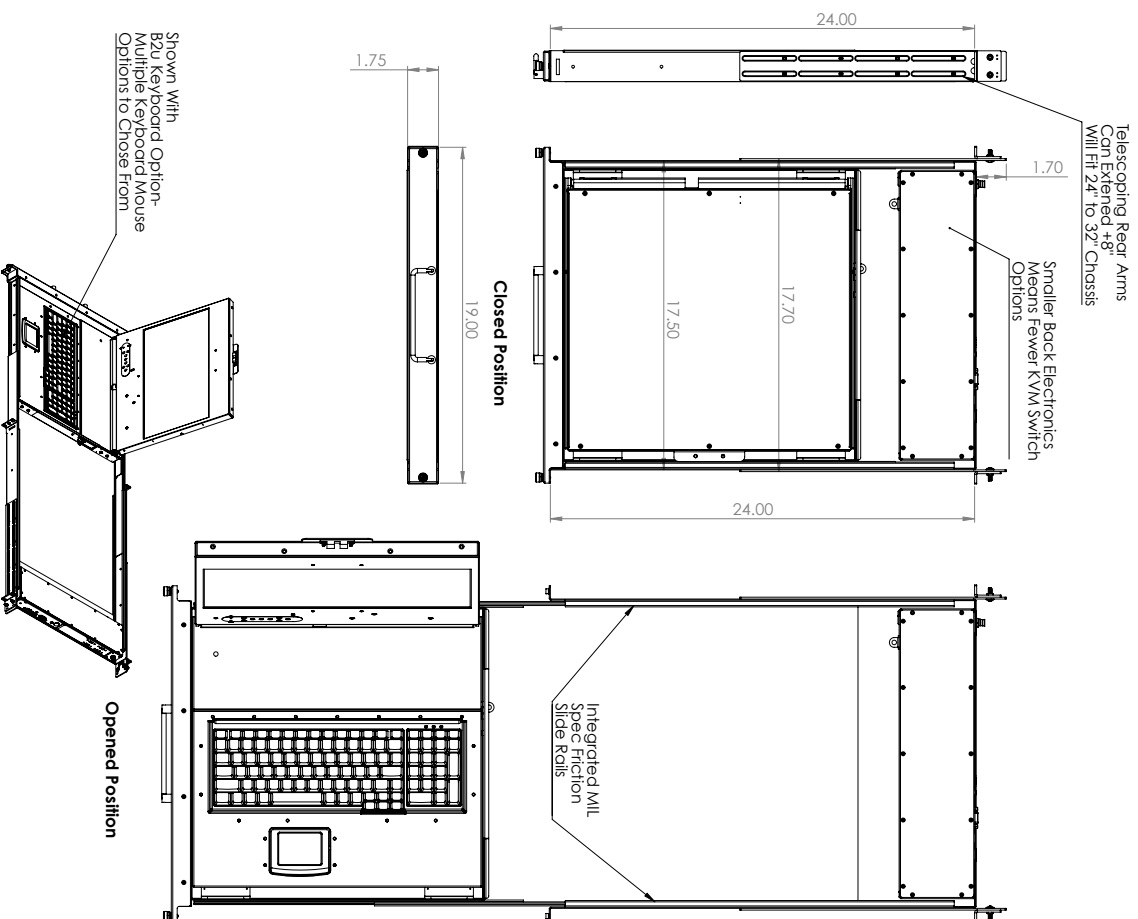
Samples of some of the Custom Projects we have done for our customers

Mechanical drawings and 3D Solid Models are available upon request. Contact your sales representative for details.



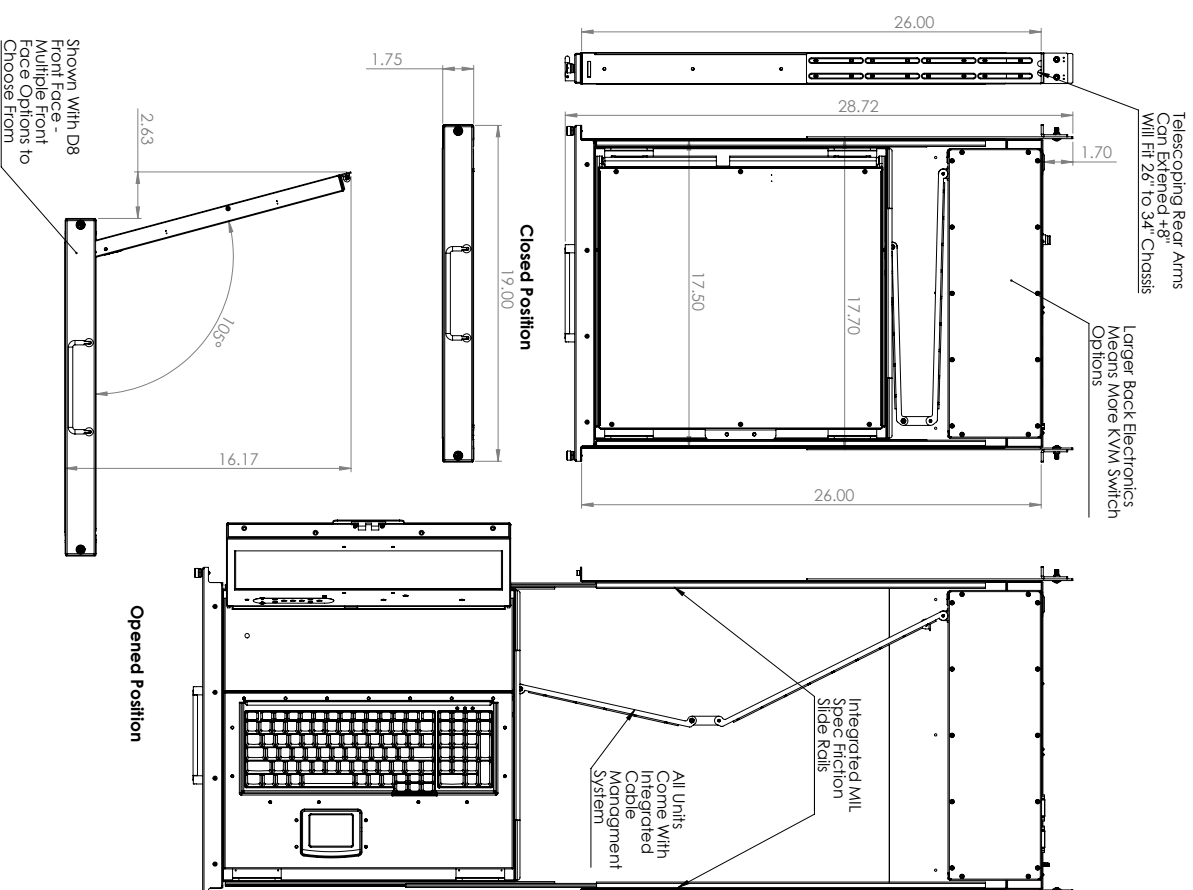
RD1U-CRT24xx Opens to the Right

RD1U-CRT24xx opens to the left
available Not Shown



RD1U-CRT26xx Opens to the Right

RD1U-CRT26xx opens to the left
available Not Shown



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