



Key Benefits

- ▶ 2U 22" short depth design
- ▶ Light weight
- ▶ Rugged construction for mobility & durability
- ▶ Built-in solid bearing slide rails
- ▶ Built-in dual stereo speaker (per display)
- ▶ Four LED backlit display selections (4K, WUXGA, FHD, 4:3)
- ▶ DVI-D + VGA video input for WUXGA, FHD & 4:3 (per display)
- ▶ Display port 1.2 video input with attached 6 ft DP cable for 4K (per display)
- ▶ 104-key keyboard with either touchpad or trackball (PS2 / USB)
- ▶ Fits 24" ~ 36" rack via adjustable mounting brackets
- ▶ TAA Compliant



REACH

Options

- DC power : 12V / 24V / 48V / 125V / 250V
- 3G / HD / SD-SDI Broadcast-grade input
- Sunlight readable LCD for 17" FHD & 19" 4:3
- Touchscreen
- Front USB hub port for device access
- HDMI video input
- MAC or SUN Micro keyboard
- USB keyboard & mouse selector

The NOVA 2U dual display console drawer is designed for Command and Control Systems which demand quick deployment of side by side displays.

2U 22" depth platform allows for small size and transit case portability. To ensure chassis ruggedness, mobility and quality, as well as being suitable for harsh environment applications, the NOVA drawer is meticulously constructed by a team of experts in our own CNC facilities for such applications.

The key benefit of the NOVA series is the choice of different resolution panels including 4K 17", WUXGA 16.2", FHD 17" 60Hz, 19" 4:3 LED backlit displays. Sunlight Readable FHD 17" LCD is also available. 4K 17" displays satisfy the increasing demands for higher graphical and text requirements. A solid 104 key keyboard is integrated with either touchpad or trackball.

Models

LH mounted

RH mounted



17"

4K

LCD2U17-2K-02L

LCD2U17-2K-02R

17"

1080p

LCD2U17-2H-02L

LCD2U17-2H-02R

LCD2U17-2H-03L (High Bright)

LCD2U17-2H-03R (High Bright)

16.2"

1920 1200

LCD2U17-2X-02L

LCD2U17-2X-02R

19"

1280 1024

LCD2U19-2T-02L

LCD2U19-2T-02R

LCD2U19-2T-03L (High Bright)

LCD2U19-2T-02R (High Bright)

Product Specifications

LCD Panel	LCD2U17-2K-02	LCD2U17-2H-02 / 03	LCD2U17-2X-02	LCD2U19-2T-02 / 03
Native resolution	3840 x 2160@60Hz	1920 x 1080	1920 x 1200	1280 x 1024
Panel size (diagonal)	17.3"	17.3"	16.2"	19"
Refresh rate (Hz)	60	60	60	60 / 75
Standard Brightness (cd/m ²)	400	300	300	250
High Brightness (cd/m ²) - Option	/	1000	/	1000
Contrast ratio (typ.)	1000 : 1	1000 : 1	800 : 1	1000 : 1
Colors	16.7 M, 8-bit	16.7 M, 8-bit	16.7 M, 8-bit	16.7 M
Viewing angle (L/R/U/D)	89/89/89/89	85/85/85/85	89/89/89/89	85/85/80/80
Response time (ms)	Max. 16	25	30	5
Dot pitch (mm)	0.0995	0.1989	0.191	0.294
Display area (mm)	382.12H x 214.94V	381.888H x 214.812V	383.8H x 214.9V	337.92H x 270.33V
Surface treatment	Anti-glare	Anti-glare, Hard-coating	Anti-glare, Hard-coating	Haze 25%, Hard-coating
Surface hardness	3H			
Backlight type	LED			
MTBF (hrs)	15,000	15,000	20,000	30,000

Video	LCD2U17-2K-02	LCD2U17-2H-02 / 03	LCD2U17-2X-02	LCD2U19-2T-02 / 03
Package	DP 1.2 / HDCP 1.3 * attached 6ft DP cable	DVI-D + VGA	DVI-D + VGA	DVI-D + VGA
Option	HDMI 2.0 / HDCP 2.2 * attached 6ft HDMI cable	HDMI 1.4 / HDCP 1.4 * attached 6ft HDMI cable or DP 1.0 / HDCP 1.3 * attached 6ft DP cable	HDMI 1.4 / HDCP 1.4 * attached 6ft HDMI cable	HDMI 1.2 / HDCP 1.1 * attached 6ft HDMI cable

Capacitive Touch screen Option

	LCD2U17-2K-02	LCD2U17-2H-02 / 03	LCD2U17-2X-02
Technology	Projected Capacitive		
Touch Point	10 point touch standard		
Input Type	Finger or Capacitive Stylus		
Resolution	4096 x 4096		
Touch Point Accuracy	± 2 mm		
Response Speed	< 5 ms		
Activation Force	< 5 g		
Surface Hardness	6H		
Light Transmission	> 85%		
Haze	3%↓		
Durability	50 million touches		
Top Layer	1.8 mm Glass		
Bottom Layer	0.7 mm Sensor Glass		
Thickness	2.7 mm ± 0.1 mm		
Connector	USB		
Compatibility	Windows 7 / XP / Linux / Mac		

Resistive Touch screen Option

	LCD2U17-2K-02	LCD2U17-2H-02 / 03	LCD2U17-2X-02	LCD2U19-2T-02 / 03
Technology	5-Wire Resistive			
Touch Point	Single			
Input Type	Finger or Stylus			
Resolution	2048 x 2048			
Response Speed	15 ms			
Activation Force	≤ 50 g			
Surface Hardness	3H			
Light Transmission	80% ± 3%			
Haze	8% ± 3%			
Durability	10 million touches			
Top Layer	ITO Film			
Bottom Layer	ITO Glass			
Thickness	3.2 ± 0.2 mm	2.2 ± 0.2 mm	3.2 ± 0.2 mm	2.2 ± 0.2 mm
Connector	USB Type A			
Compatibility	Windows 7 / XP / Linux / Mac			

Product Specifications

Power		LCD2U17-2K-02	LCD2U17-2H-02 / 03	LCD2U17-2X-02	LCD2U19-2T-02 / 03
Input		Auto-sensing 100 to 240VAC, 50 / 60Hz			
Consumption per panel	Screen on	Max. 21W	Max. 14W	Max. 25W	Max. 22W
	Power saving	Max. 2W			
	Power button off	Max. 1W			

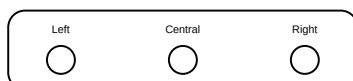
Physical			
Product (W x D x H)	2K/2H/2X model	mm inch	441.6 x 550 x 88 17.4 x 21.7 x 3.5
	2T	mm inch	441.6 x 600 x 88 22.8 x 23.6 x 7.8
Net Weight	2K/2H/2X model	Dual display	21 kg / 46.2 lb
	2T	Dual display	22 kg / 48.4 lb
Chassis color			Dark
Chassis materials			Steel

* All dimensions stated are subject to change if options are selected / integrated to base model part codes

Compliance	
EMC	FCC & CE
Safety	CE / LVD & UKCA
Environment	REACH & RoHS3 / WEEE

Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	10~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10~300Hz 0.5G RMS random vibration

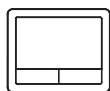
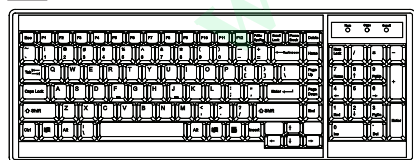
USB Keyboard & Mouse Selector



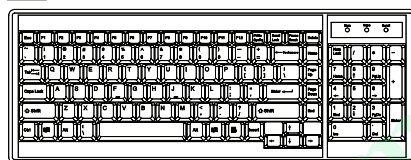
- Enables 2 computers (L or R) to share keyboard & mouse.
- Easily switch to any of your connected computers with the press of a button

Standard Keyboard

N keyboard with touchpad



B keyboard with trackball



Supporting layouts

America  U.S.

EMEA  U.K.  Germany  France  Russia  Spain  Italy

Asia  Japan  Korea

Keyboard Options

* US layout only

Mn Mac keyboard with touchpad



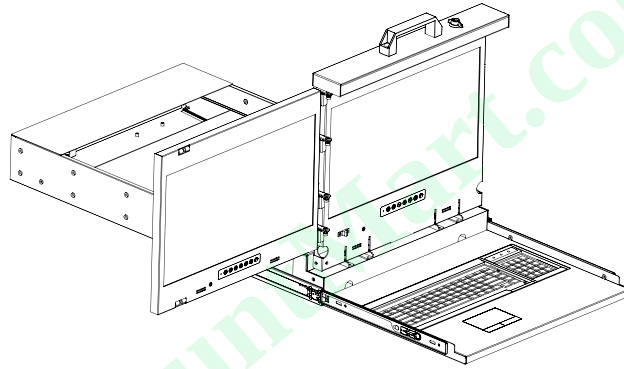
Mb Mac keyboard with trackball

Sn SUN keyboard with touchpad

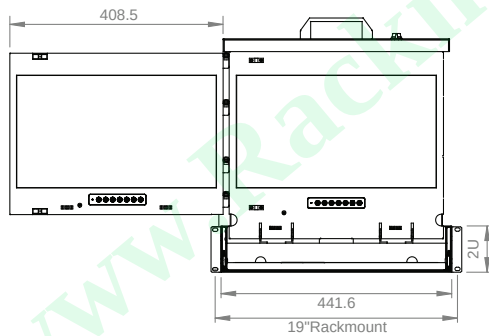
Sb SUN keyboard with trackball



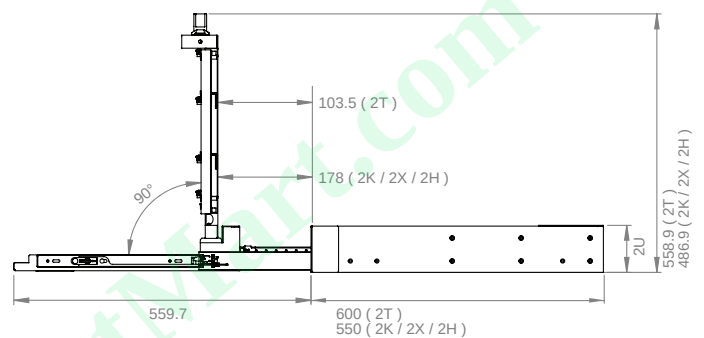
Diagrams (mm)



Front View



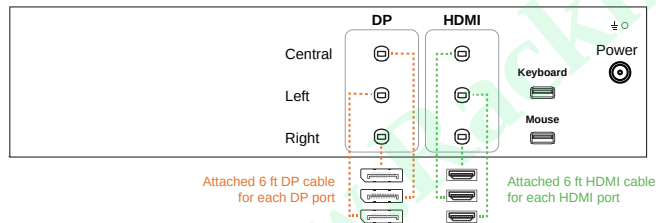
Side View



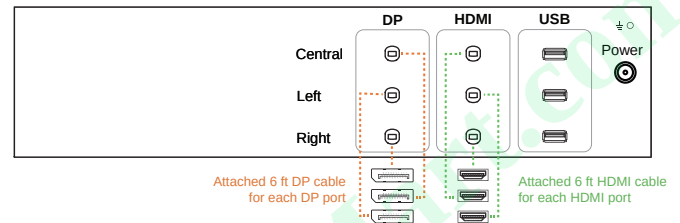
Rear View

LCD2U17-2K

Standard : DP
Option : DP + HDMI

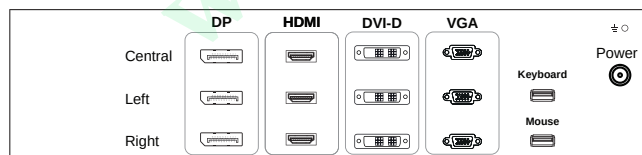


Add-on USB Selector

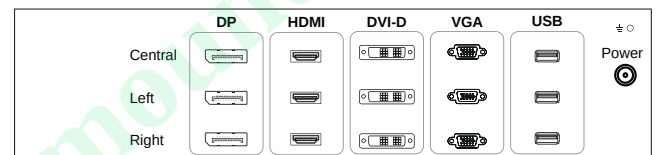


LCD2U17-2H

Standard : VGA + DVI-D
Option 1 : VGA + HDMI
Option 2 : VGA + DP

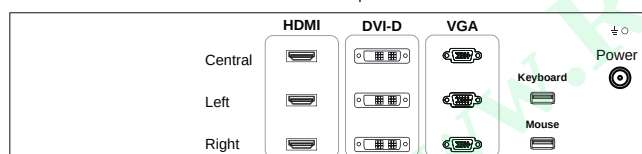


Add-on USB Selector

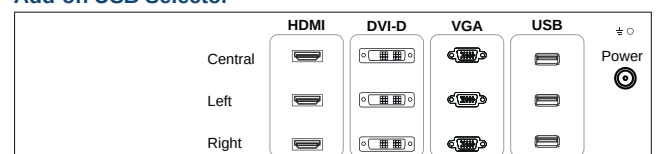


LCD2U17-2X / 19-2T

Standard : VGA + DVI-D
Option : VGA + HDMI



Add-on USB Selector



** actual connection port locations of the above models may vary.