

2U 22" short depth design, 17" Triple Rackmount Keyboard LCD Monitor Console Drawer 1920 x 1080 native resolution 104-key keyboard with touchpad + VGA + DVI-D + SDI + 10-point multi-touch w/USB controller

Model: NVP3DW17e-PCT-SDI



Key Benefits

- 2U 22" short depth design
- Light weight only 46.2 lbs / 21 kgs
- Rugged construction for mobility & durability
- Built-in solid bearing slide rails
- Built-in dual stereo speaker (per display)
- Five LED backlit display selections (4K, WUXGA, FHD 60Hz, FHD 144Hz, 4:3)
- DVI-D + VGA video input for FHD & 4:3 (per display)
- HDMI 1.4 + DVI-D + VGA for WUXGA (per display)
- Display port 1.2 video input for 4K (per display)
- 104-key keyboard with either touchpad or trackball (PS2 / USB)
- Fits 24" ~ 36" rack via adjustable mounting brackets
- 2-year standard warranty (upgradable up to 5 years)

Options

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

The NVP3D 2U dual or triple 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 NVP3D drawer is meticulously constructed by a team of experts in our own CNC facilities for such applications.

The key benefit of the NVP3D series is the choice of different resolution panels including 4K 17", WUXGA 16.2", FHD 17" 60Hz, FHD 17" 144Hz, 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.

Specifications

LCD Panel	
Native resolution	1920 x 1080
Panel size (diagonal)	17.3"
Refresh rate (Hz)	144
Standard Brightness	300
High Brightness (cd/m ²) -	/
Contrast ratio (typ.)	800 : 1
Colors	16.7 M
Viewing angle (L/R/U/D)	85/85/85/85
Response time (ms)	9
Dot pitch (mm)	0.1989
Display area (mm)	381.888H x 214.812V
Surface treatment	Anti-glare
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	15,000

Video	
Package	DVI-D + VGA
Option	HDMI 1.4 / HDCP 1.4

Capacitive Touch screen Option

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%J.
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

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
Connector	USB Type A
Compatibility	Windows 7 / XP / Linux / Mac

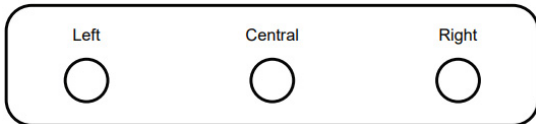
Power		
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption per panel	Screen on	Max. 25W
	Power saving	Max. 4W
	Power button off	Max. 1W

Physical			
Product (W x D x H)	NVP3DW17e-PCT-SDI	mm	441.6 x 550 x 88
		inch	17.4 x 21.7 x 3.5
Packing (W x D x H)		mm	580 x 683 x 197
		inch	22.8 x 26.9 x 7.8
Net Weight	NVP3DW17e-PCT-SDI	Triple display	25.7 kg / 56.5
Gross Weight	NVP3DW17e-PCT-SDI	Triple display	31.1 kg / 68.4
Chassis color		Dark	
Chassis materials		Steel	

Compliance	
EMC	FCC & CE certified
Safety	CE / LVD certified
Environment	RoHS2 & REACH compliant

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

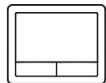
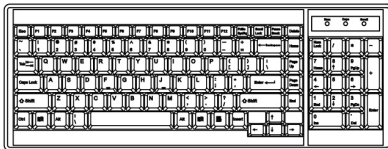
USB Keyboard & Mouse Selector



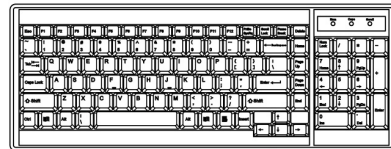
- Enables 2 or 3 computers to share keyboard & mouse.
- Easily switch to any of your connected computers with the press of a button

Standard Keyboard

e keyboard integrated with touchpad



b keyboard integrated with trackball



Supporting layouts

America		United States			
EMEA					
	United Kingdom	Germany	France	Spain	Norway
	Italy	Russia	Switzerland	Netherlands	Portugal
	Asia				
	China	Japan	Korea	Arabia	Turkey

Keyboard Layout options

Me Mac keyboard with touchpad



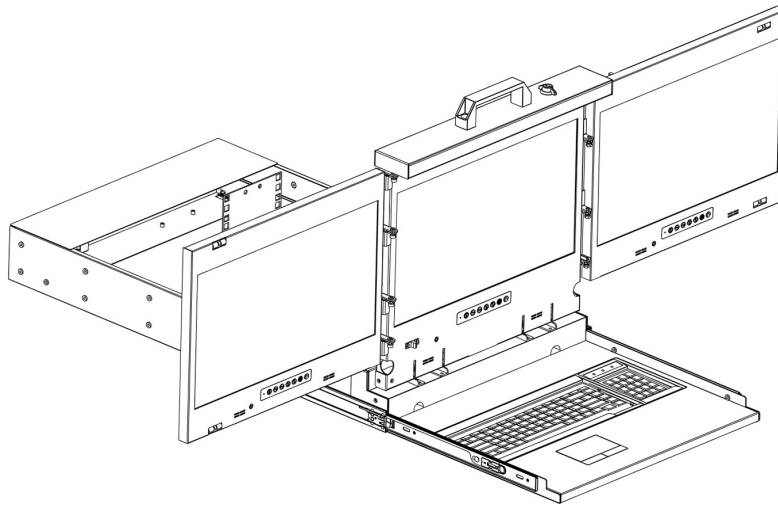
Se S keyboard with touchpad

Mb Mac keyboard with trackball

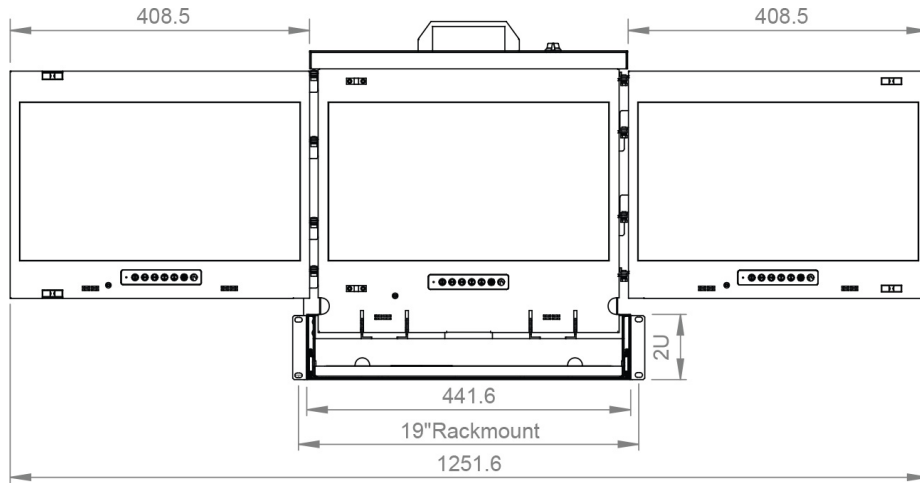
Sb S keyboard with trackball



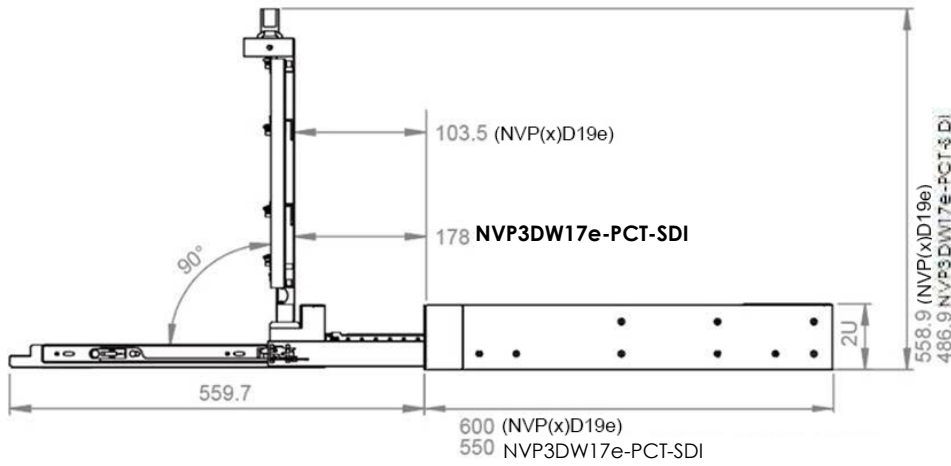
Diagrams (mm)



Front View



Side View



Rear View

