

8U 19" TFT LCD Rackmount Monitor Flat Panel (VGA + HDMI "no speaker") Input, 1280x1024 with One Touch e-Resistive 19" Single Points Touch screen w/ USB Controller

MODEL: NP819TR-B



BENEFITS:

- 8U 19-inch LCD display panel
- Native resolution of 1280 x 1024 with support for 16.7 million colors
- Video inputs include HDMI 1.4 and VGA (speakers not included)
- Comes with a standard 2-year warranty, with the option to upgrade to a maximum of 5 years.

SPECIFICATIONS

Video	
Video input	HDMI 1.4 + VGA

LCD Panel	
Panel size (diagonal)	19"
Native resolution	1280 x 1024
Brightness (cd/m ²)	250
Contrast ratio (typ.)	1000 : 1
Colors	16.7 M
Viewing angle (L/R/U/D)	85/85/80/80
Response time (ms)	5
Dot pitch (mm)	0.264
Display area (mm)	376.32H x 270.33V
Surface treatment	Haze 25%, Hard-coating
Surface hardness	3H
Backlight type	LED
MTBF (hrs)	30,000

Physical		
Dimensions (W x D x H)	Product	480 x 53 x 355 mm 18.9 x 2.1 x 14 inch
	Packing	539 x 129 x 529 mm 21.2 x 5.1 x 20.8 inch
Weight	Net	5.7 kg / 12.5 lb
	Gross	8 kg / 17.6 lb

Power		
Input	Auto-sensing 100 to 240VAC, 50 / 60Hz	
Consumption	Screen on	Max. 22W
	Power saving mode	Max. 2W
	Power button off	Max. 1W

OPTIONS:

- Dual stereo speakers for HDMI (HS4.4)
 - DVI-D + Audio input & output + Speakers (DV4.4)
 - Composite + Audio IN + Speakers (BNC)
 - 3G / HD / SD-SDI Broadcast-grade input + Speakers (SDI)
 - Multi display OSD controller (MCS)
 - MIL-type or lockable connector
 - IP65 front protection (IP65)
 - DC power : 12V / 24V / 48V / 125V / 250V
 - Touchscreen :
 - Projected Capacitive 10-pt* / Capacitive 1-pt*
- Extra 1U chassis height will be increased after integration*

Video Option		
Digital	DVI-D	DVI-D single link
Analog	Composite (BNC)	NTSC & PAL

Audio Option		
Input	Connector	3.5mm stereo jack
	Impedance / Power level	30kΩ / 750mV
Output	Connector	3.5mm stereo jack
	Resistance / Power level	30kΩ / 2.8V
Speaker	Dual stereo	2W x 2

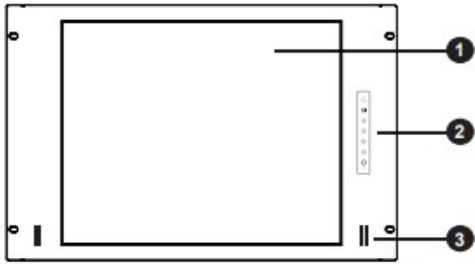
Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	10~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10~300Hz 0.5G RMS random vibration


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

**Specifications subject to change without notice, not responsible for typographical errors.*

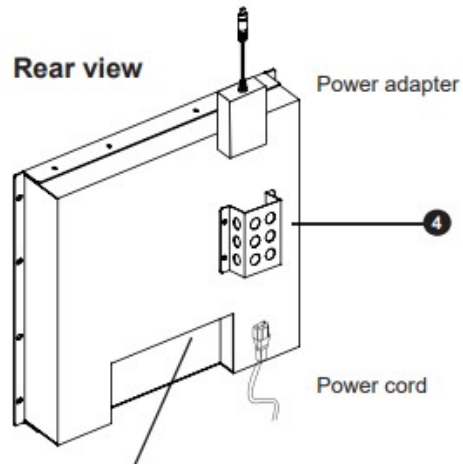
STRUCTURE DIAGRAM

Front view

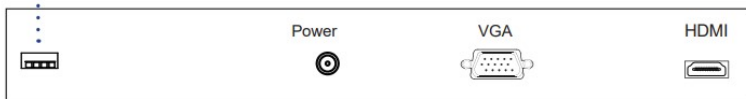


- ① LCD panel
- ② LCD membrane 
- ③ Audio speaker (optional)
- ④ Power adapter basket

Rear view



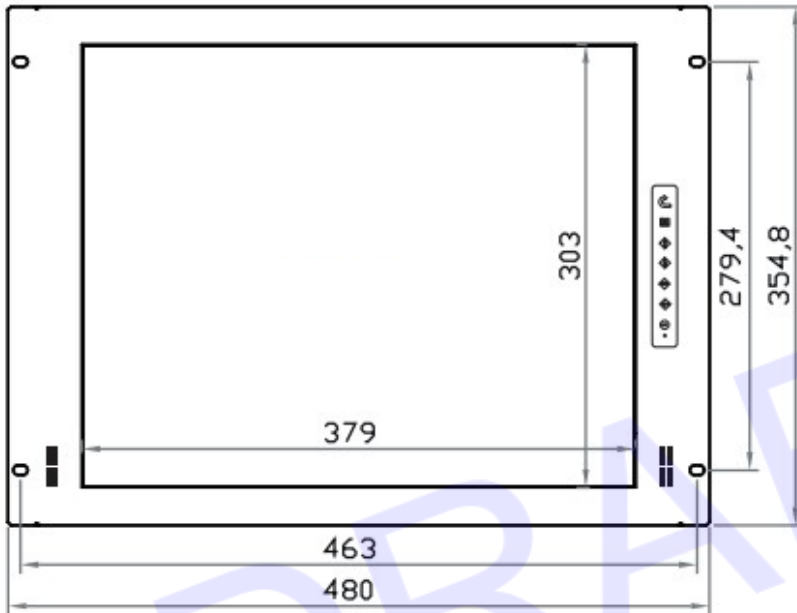
USB Touchscreen



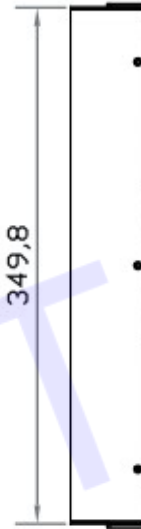
DIMENSION

This is subject to change without Notice. Final Drawings Will be Provided for Approval after Order.

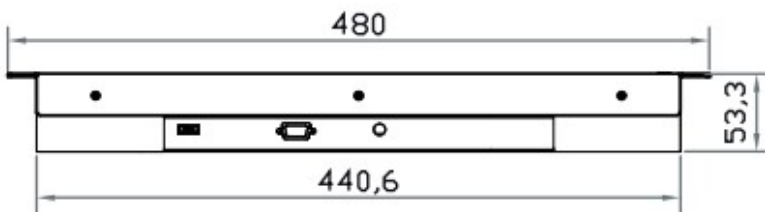
Front View



Side View

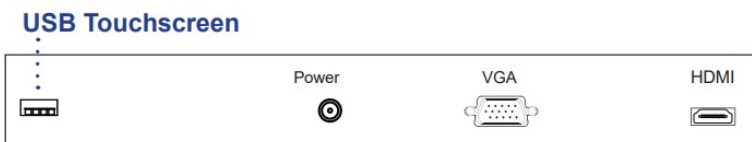


Bottom View



UNIT : mm
1mm = 0.03937 inch

I/O View



Drawing No.: NP819TR-B-12282023-V1