

8U 19" TFT LCD Rackmount Monitor Flat Panel Resolution 1280x1024, VGA + HDMI (No Speaker)

MODEL: NP819



BENEFITS:

- 8U 19" LCD display panel
- 1280 x 1024 native resolution / 16.7M colors
- HDMI 1.4 + VGA video input (speakers excluded)
- 2-year standard warranty (upgradable up to 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* / Resistive 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

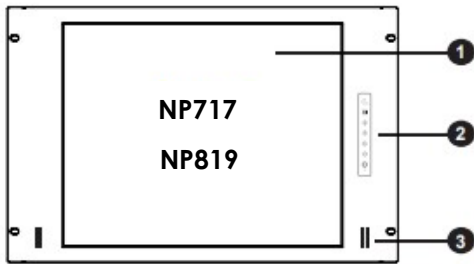
Environment	
Operating temp.	0 to 55°C degree
Storage temp.	-20 to 60°C degree
Operating humidity	10~90%, non-condensing
Storage humidity	5 ~90%, non-condensing
Operating altitude	16,000 ft
Non-operating altitude	40,000 ft
Shock	10G acceleration (11ms duration)
Vibration	10~300Hz 0.5G RMS random vibration


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

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

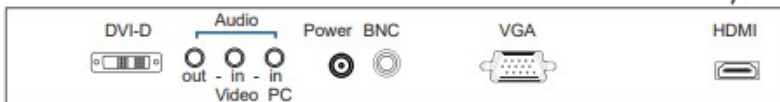
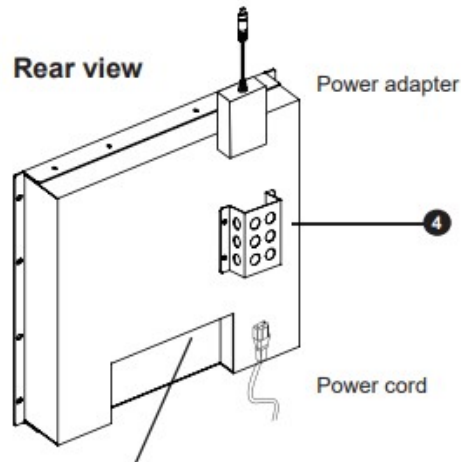
STRUCTURE DIAGRAM

Front view



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

Rear view



Basic I/O : HDMI + VGA

Speaker : HDMI + VGA + Speaker

BNC : HDMI + VGA + BNC + Audio input

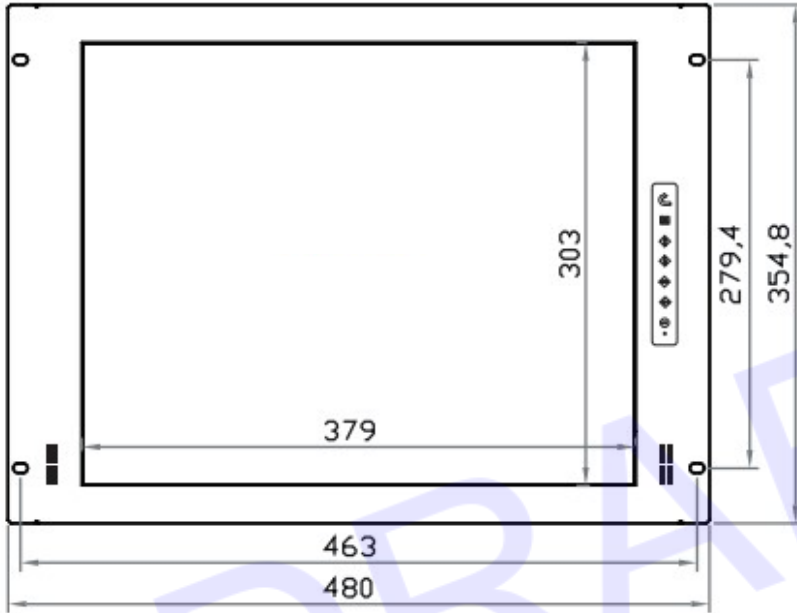
DVI-D : HDMI + VGA + DVI-D + Audio input & output + Speaker

Options : SDI, USB for touchscreen & DC power

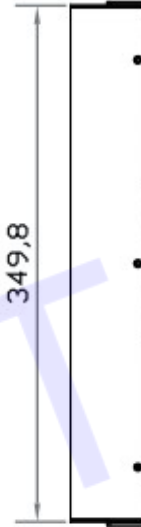
DIMENSION

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

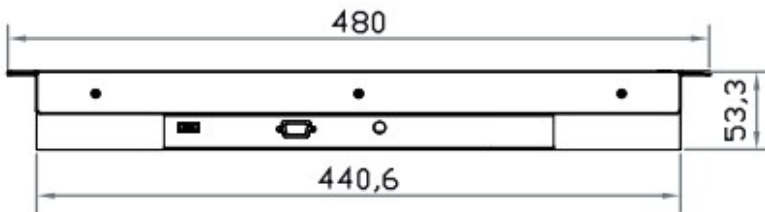
Front View



Side View



Bottom View



UNIT : mm
1mm = 0.03937 inch

I/O View



Basic I/O : HDMI + VGA

Drawing No.: NP819-10162023-V1