



Features

- 15.6" Fanless Stainless Steel Display
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Ultra Slim Front Frame Design
- Special Hygienic Bolts on Rear Case
- M12 Connectors with Waterproof Cover
- DC 24V Power Input

Specifications

IO Port	
VGA	1 x M12 12-pin for VGA with waterproof cover
HDMI	1 x W.F. Micro-HDMI with waterproof cap
USB	1 x M12 8-pin for USB Touch with waterproof cover
OSD Control Membrane	OSD on the rear side
Power Connector	1 x M12 3-pin for DC power with waterproof cover

Display	Standard		High Brightness Optional	
Display Type	15.6" TFT-LCD		15.6" TFT-LCD	
	default	optional	default	optional
Max. Resolution	1366 x 768	1920 x 1080	1366 x 768	1920 x 1080
Max. Color	16.7M	16.7M	16.7M	16.7M
Luminance (cd/m²)	400	500	1000	1000
View Angle	170(H)/160(V)	178(H)/178(V)	160(H)/160(V)	170(H)/170(V)
Contrast	500:1	1000:1	500:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs	50,000 hrs	50,000 hrs

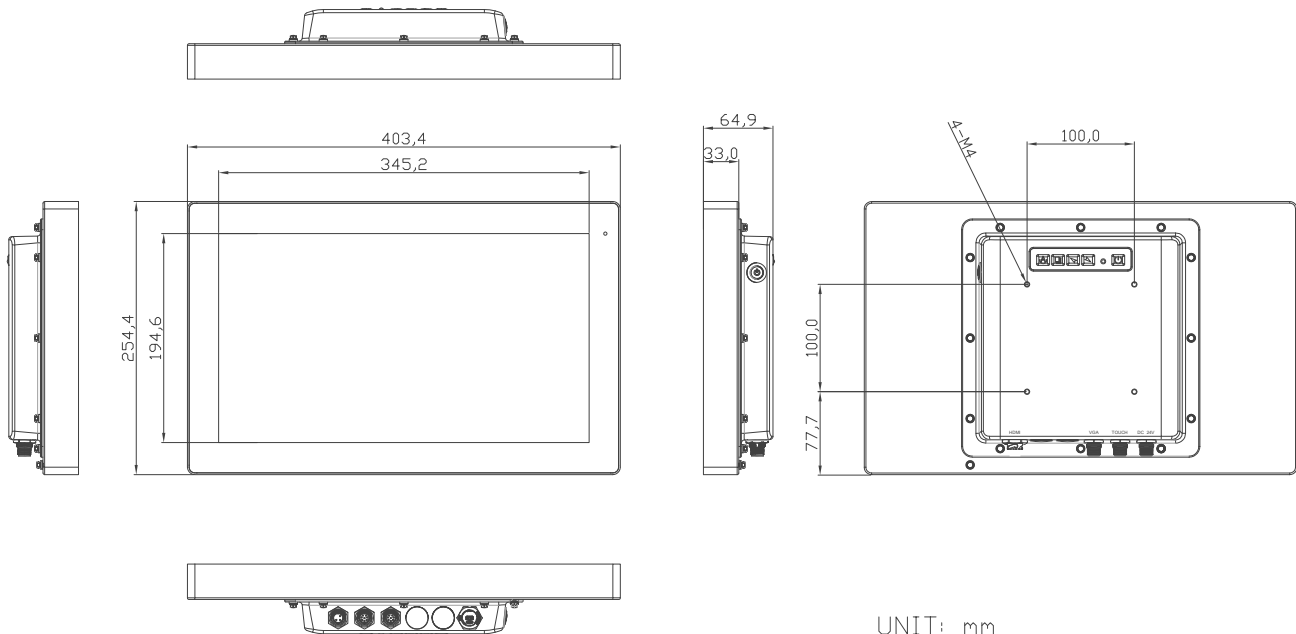
Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%

Power	
Power Input	DC 24V
Power Consumption	PhanTAM-116AP: 12.1W (MAX)

Mechanical	
Construction	304 Stainless steel chassis (default), 316 Stainless steel chassis (optional)
Mounting	VESA Mount 100 x 100, Swing ARM (optional)
IP Rating	Total IP66/IP69K
Dimensions	404.4 x 225.4 x 64.5 mm
Net Weight	4.85 kg

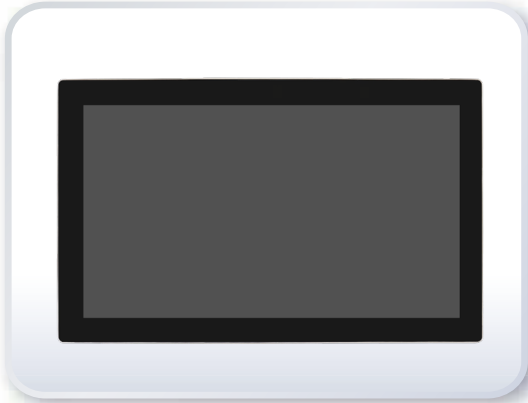
Environmental	
Operating Temperature	0~50°C (WT1: -20~60°C for optional)
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non- condensing
Certificate	CE/FCC Class A

Dimensions



UNIT: mm
Tolerance: ±0.5

Ordering Information	
PhanTAM-116AP	15.6" WXGA IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter
PhanTAM-116APH	15.6" WXGA IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter, 1,000 nits LCD



Features

- 21.5" Fanless Stainless Steel Display
- IP66/69K Full Sealed with Anti-Corrosion Enclosure
- Ultra Slim Front Frame Design
- Special Hygienic Bolts on Rear Case
- M12 Connectors with Waterproof Cover
- DC 24V Power Input

Specifications

IO Port		
VGA	1 x M12 12-pin for VGA with waterproof cover	
HDMI	1 x W.F. Micro-HDMI with waterproof cap	
USB	1 x M12 8-pin for USB Touch with waterproof cover	
OSD Control Membrane	OSD on the rear side	
Power Connector	1 x M12 3-pin for DC power with waterproof cover	

Display	Standard	High Brightness Optional
Display Type	21.5" TFT-LCD	21.5" TFT-LCD
Max. Resolution	1920 x 1080	1920 x 1080
Max. Color	16.7M	16.7M
Luminance (cd/m ²)	250	1000
View Angle	178(H) /178(V)	178(H) /178(V)
Contrast	1000:1	1000:1
Backlight Lifetime	50,000 hrs	50,000 hrs

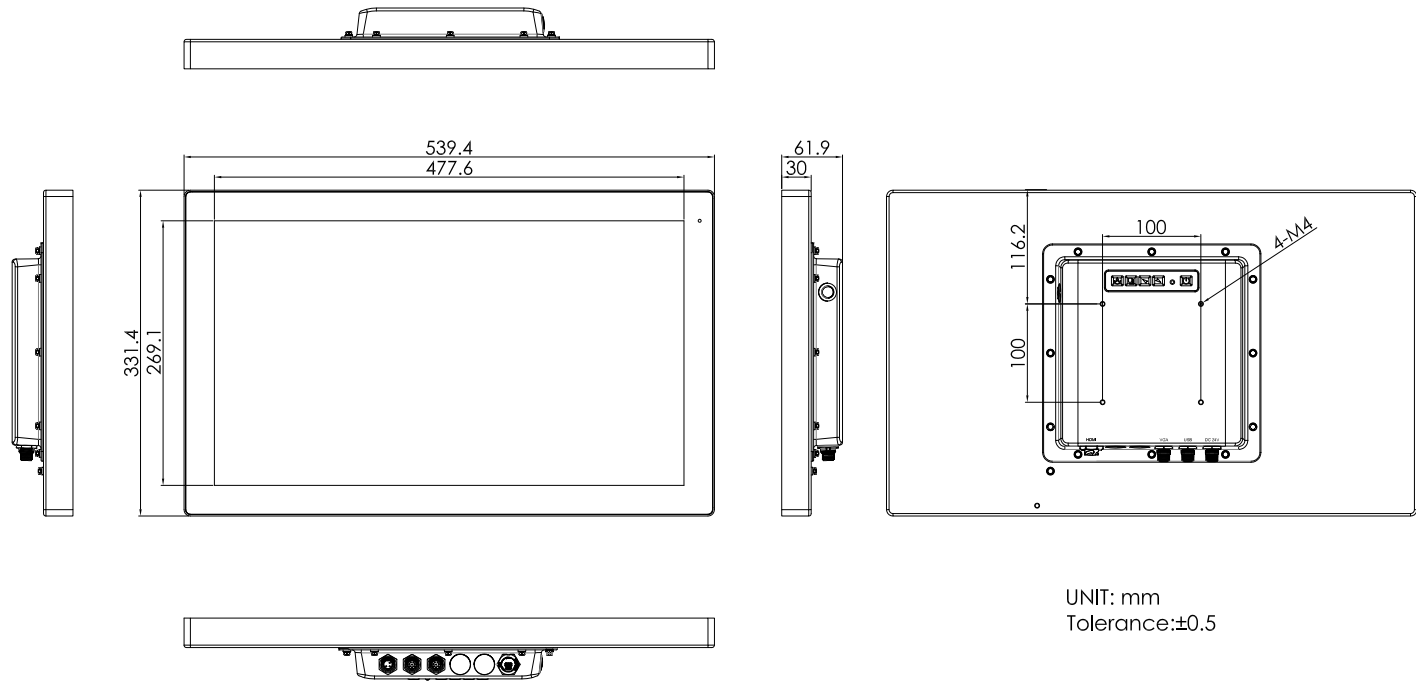
Touch Screen	
Type	Projected Capacitive Touch
Interface	USB
Light Transmission(%)	90%

Power	
Power Input	DC 24V
Power Consumption	PhanTAM-121AP: 14.7W (MAX)

Mechanical	
Construction	304 Stainless steel chassis (default), 316 Stainless steel chassis (optional)
Mounting	VESA Mount 100 x 100, Swing ARM (optional)
IP Rating	Total IP66/IP69K
Dimensions	540.4 x 332.4 x 61.5 mm
Net Weight	7.6 kg

Environmental	
Operating Temperature	0~50°C (WT1: -20~60°C for optional)
Storage Temperature	-30~70°C
Humidity	10 to 90% @ 40°C, non- condensing
Certificate	CE/FCC Class A

Dimensions



Ordering Information	
PhanTAM-121AP	21.5" FHD IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter
PhanTAM-121APH	21.5" FHD IP66/IP69K stainless steel display, VGA/HDMI input, OSD on the rear side, projected capacitive touch, 9~36V DC power input with Adapter, 1,000 nits LCD