

Product Specifications

Customer	
Model	NTSP270 V600



Records of Revision			
Vision	Modifying	Old Description	New Description
v2504.1	Preliminary Specifications		

Features

- ★ 27 inch, 1920x1080 (FHD) Resolution
- ★ Wide Viewing Angle Technology (178°/178°)
- ★ 7H Hardness Tempered Cover Glass
- ★ 10 points Multi-touch , Supports Active Stylus
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty
- ★ Optional Video Input (VGA/HDMI/DP)
- ★ Optional 100~240VAC and 9~36VDC Power Input
- ★ Optional Software Remote Control by RS232 or DDC/CI
- ★ Optional High Brightness 1000nits for Outdoor Environment
- ★ Optional Auto Dimming Function (with Light Sensor)
- ★ Optional Anti-Glare&UV/Antibacterial/Privacy Filter Surface Treatment



Desktop Stand



Wall Mounting



Open-frame Brackets



Panel Mount

Display Specifications

Model Name	NTSP270XXSDX-XXXXXX-600*	Display Mode	VA Type, Normally Black
Screen Diagonal	27 inch	Response Time	12 msec.
Display Area	597.6x336.15 mm	Backlight Unit	LED (white LED)
Resolution	1920x1080 (FHD)	Viewing Angle (L/R, U/D)	178°/178° (CR=10)
Contrast Ratio	3000:1	Backlight Lifetime	>30,000 小時
Display Ratio	16:9	Operating Temp.	0~50°C
Support Colors	16.7M Colors	Storage Temp.	-20~60°C
Pixel Pitch	311.25x311.25 um		

* X = A~Z, 0~9 (Depends on options)

Display Options

Brightness			
	Brightness	Environment	Model Name
Standard	300nits	General (Indoor)	NTSP270NXSDX-XXXXXX-600
Option	1000nits	Outdoor Environment	NTSP270AXSDX-XXXXXF-600

Accessories

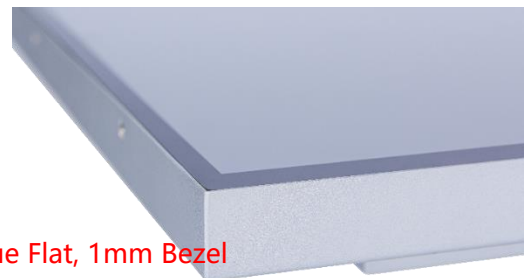
Item	Description	Quantity
HDMI Cable	Male to Male, 1.8 Meter	1
AC-DC Adapter	12V with CE/FCC/CCC/UL/RoHS/PSE/JET Certification	1
Power Cord	*Country Specific	1
USB Cable	A type, Male to Male, 1.8 Meter *(only for touch monitor)	1

Touch Options

Touch Screen		
	Description	Model Name
Standard	Projected Capacitive Touch	NTSP270X^PSDX-XXXXXX-600
Option	Non-Touch	NTSP270X ⁰ SDX-XXXX ⁰ X-600

Projected Capacitive Touch

Touch Technology	Projected Capacitive	Thickness of Cover Lens	3.0±0.2mm
Allowed Touch Points	10 points	Hardness of Cover Lens	7H
Transparency	≥87%	IK Ratings	IK07
Accuracy	99.00%		



* True Flat, 1mm Bezel

Passive Stylus Pen (Option)	
Technology	Passive High Sensitive Knitted Wire Mesh Fiber Tip
Size of tip	6mm
Magnetic Attachment	Yes



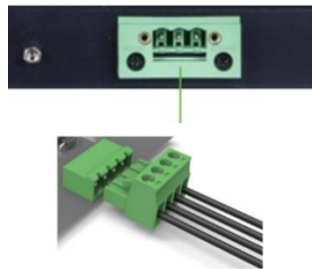
Magnetic Attachment

General Options

Power Input		
	Description	Model Name
Standard	12V, Lockable DC Jack Φ2.1mm	NTSP270XXSD<u>2</u>-XXXXXX-600
Option 1	9~36VDC, Phoenix Terminal Block	NTSP270XXSD <u>P</u> -XXXXXX-600
Option 2	100~240VAC, C14 Female Socket	NTSP270XXSD <u>A</u> -XXXXXX-600



Lockable DC Power Jack



Phoenix Terminal Block



C14 AC Socket

Surface Treatment		
	Description	Model Name
Standard	(none)	NTSP270XXSDX-<u>00</u>XXXX-600
Option 1	Anti-Glare&UV Coating	NTSP270XXSDX- <u>GG</u> XXXX-600
Option 2	Antibacterial (AB Film)	NTSP270XXSDX- <u>AB</u> XXXX-600
Option 3	Anti-Spy (AS Film)	NTSP270XXSDX- <u>SF</u> XXXX-600

General Options (Continued)

Color of Cabinet		
	Description	Model Name
Standard	Black	NTSP270XXSDX-XXBXXX-600
Option 1	White	NTSP270XXSDX-XXWXXX-600
Option 2	Silver	NTSP270XXSDX-XXSXXX-600
Options	Other Colors	NTSP270XXSDX-XXXXXX-600

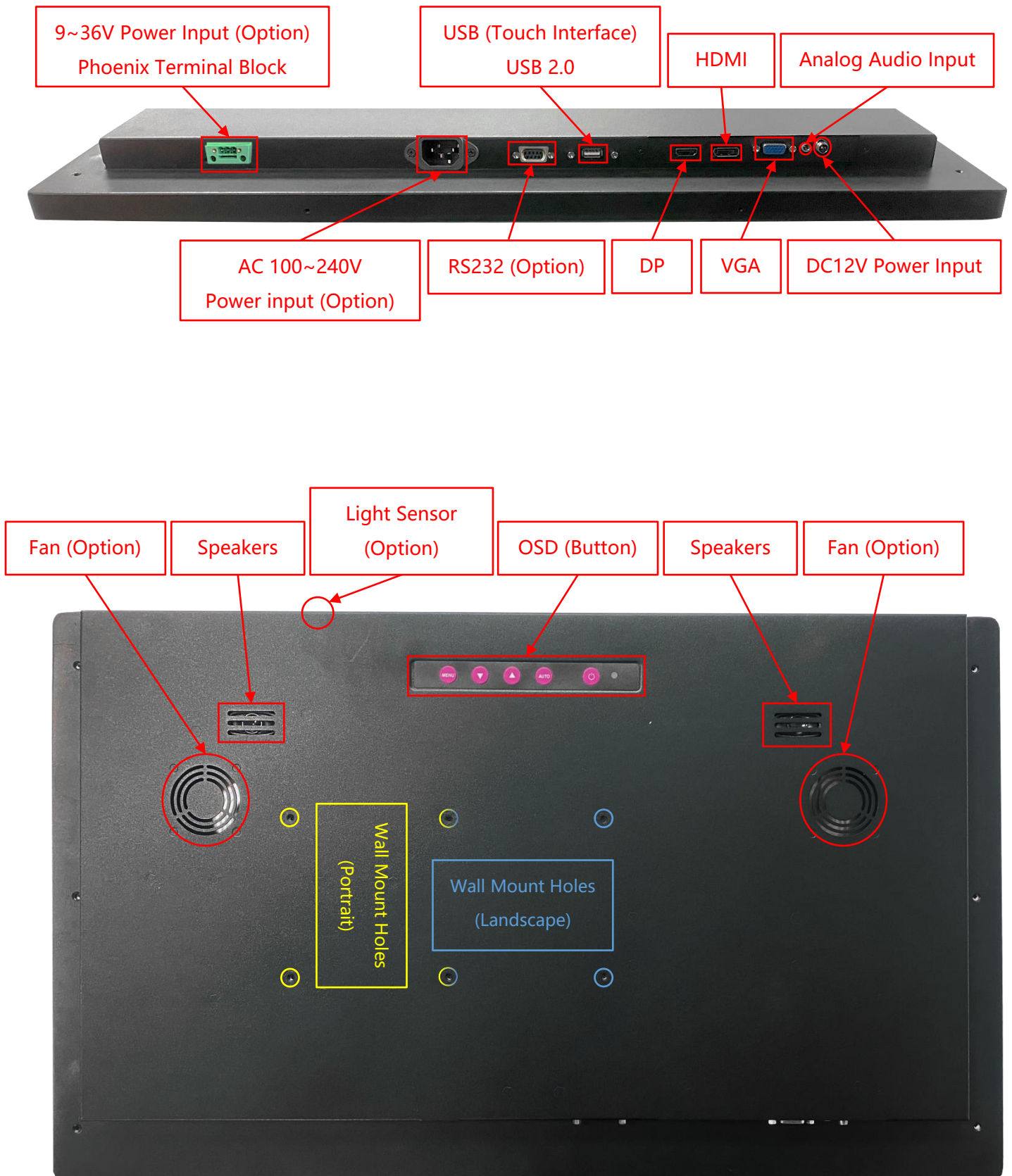
* X = A~Z, 0~9 (Depends on Color)

Material of Cabinet		
	Description	Model Name
Standard	SECC	NTSP270XXSDX-XXXSXX-600
Option 1	Stainless Steel	NTSP270XXSDX-XXXLXX-600
Option 2	Aluminum	NTSP270XXSDX-XXXAXX-600

Touch Interface		
	Description	Model Name
Standard	USB	NTSP270XPSDX-XXXXUX-600
Option 1	RS232	NTSP270XPSDX-XXXXRX-600
Option 2	Non-Touch	NTSP270X0SDX-XXXX0X-600

Cooling Fan		
	Description	Model Name
Standard	Fanless	NTSP270XXSDX-XXXXX0-600
Option	7 Blades/4000r.p.m/28.3dB	NTSP270XXSDX-XXXXXF-600

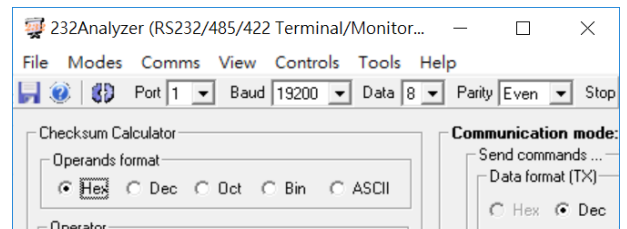
Input /Output System



Other Options

OSD Control		
	Item	Description
Standard	Button	Rear Physical Button
Option	Software Remote Control	Software Remote Control by RS232/Serial Port
Option	Auto Dimming	Auto Brightness Adjusting by Light Sensor
Option	Camera lens	12 million pixels, maximum resolution of 3840x3104.
Option	Stylus pen	

Camera lens / Dimmer
(Mountable on any side)

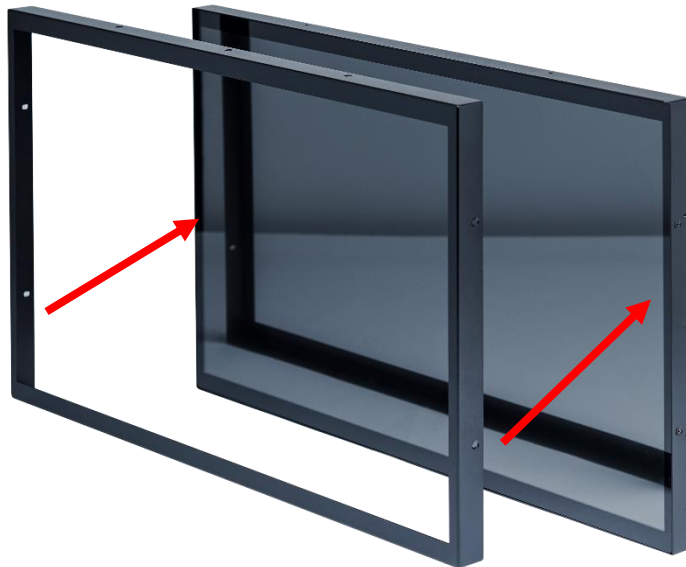


* Software Remote

Supported OS

Windows	Win7, Win8, Win10, Win11 ↑
Linux	Kernel 2.6.24 ↑
Android	3.0 ↑
Mac	10.5.x ↑ (Intel CPU)

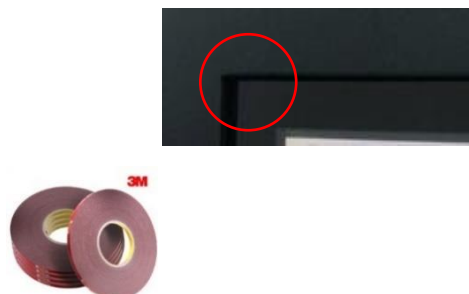
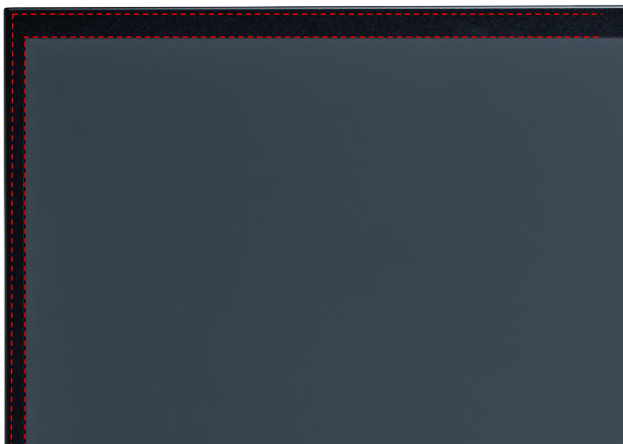
Front Cover (Option)



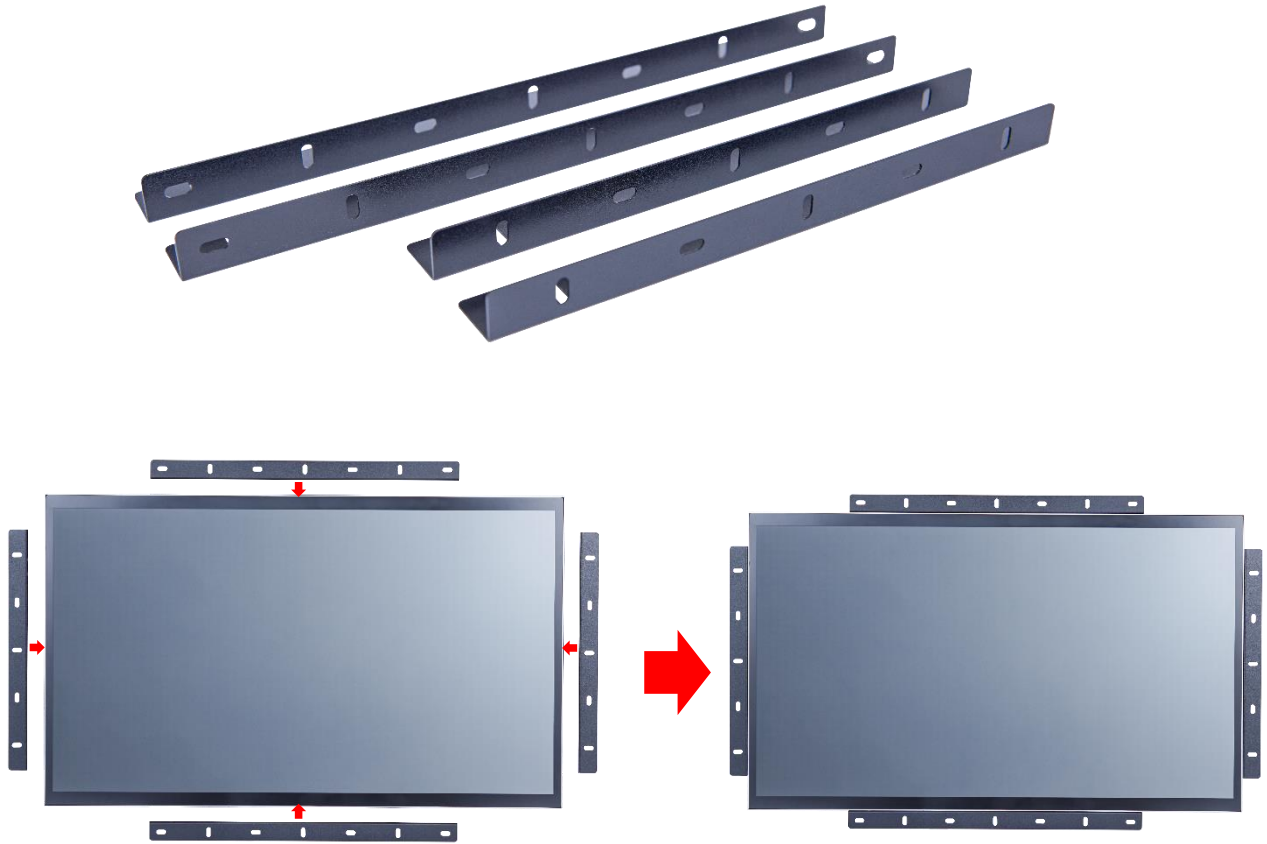
The standard **NTSP270** is true flat surface, with only 1mm metal bezel.
To protect the corners of the touch screen, the **Front Cover** can be added.



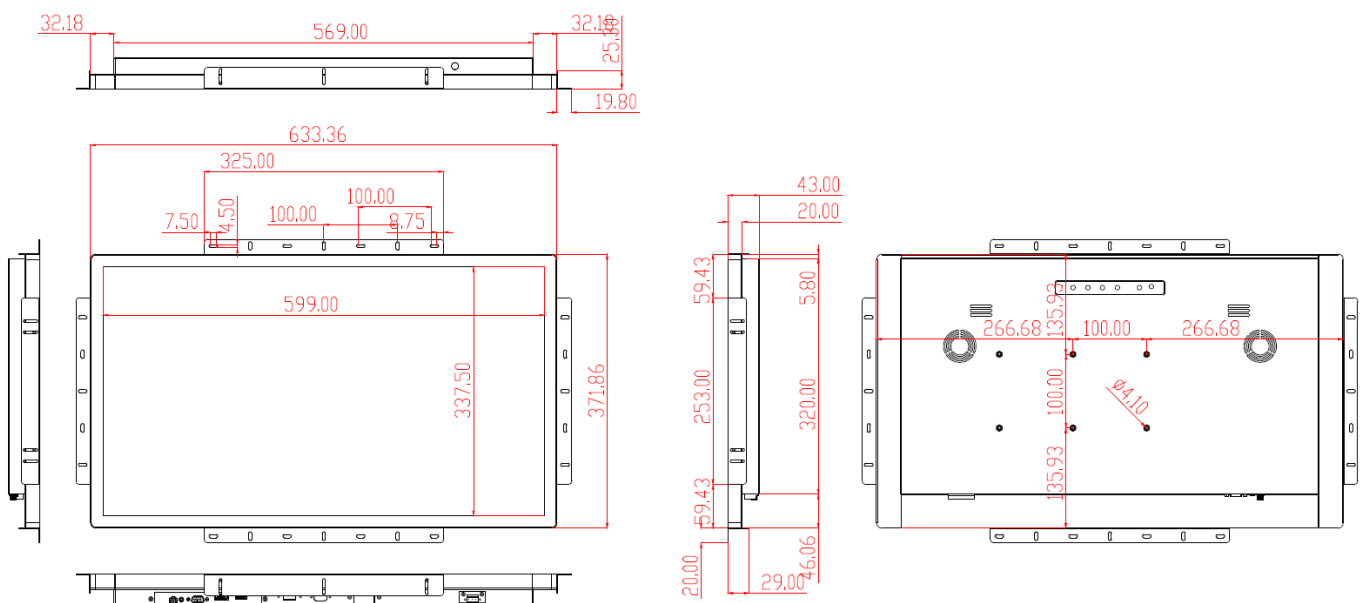
The watertight gasket can be added between the **Front Cover** and **NTSP270**.
It complies **IP65** on front.



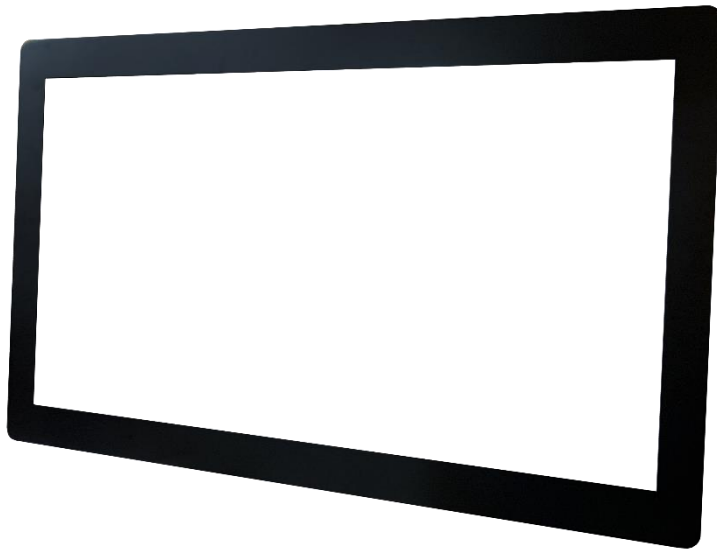
Open-frame Brackets (Option)



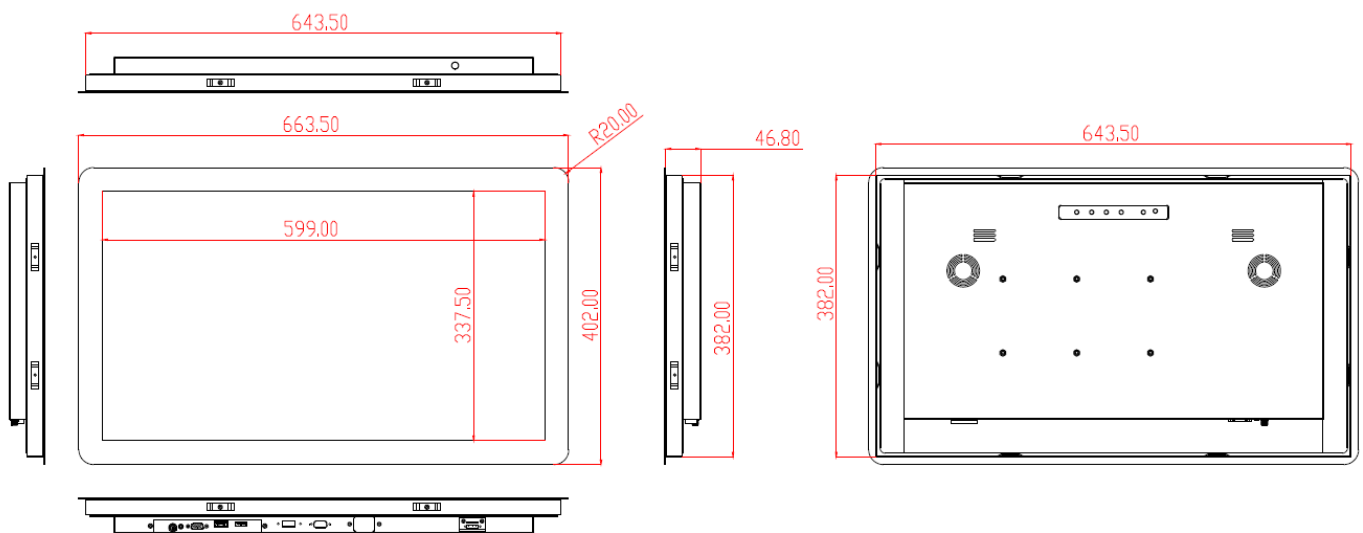
Dimension for Installing with Open-frame Brackets



Panel Mount Kits (Option)

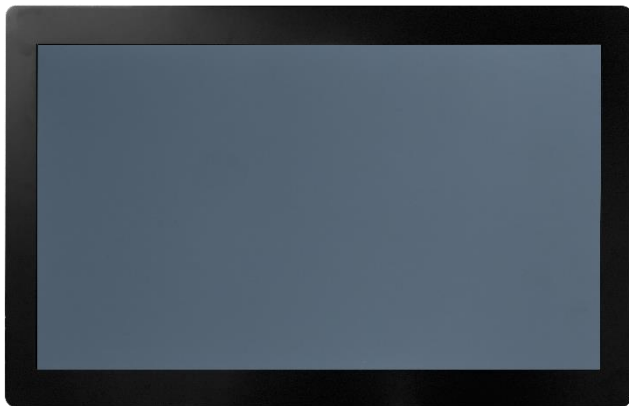
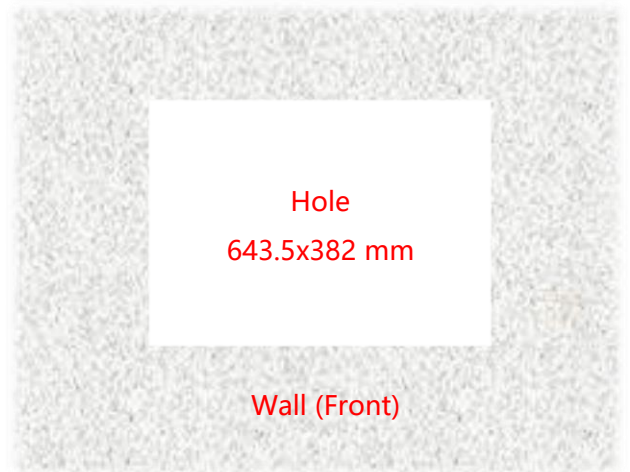


Dimension for Installing with Panel Mount Kits

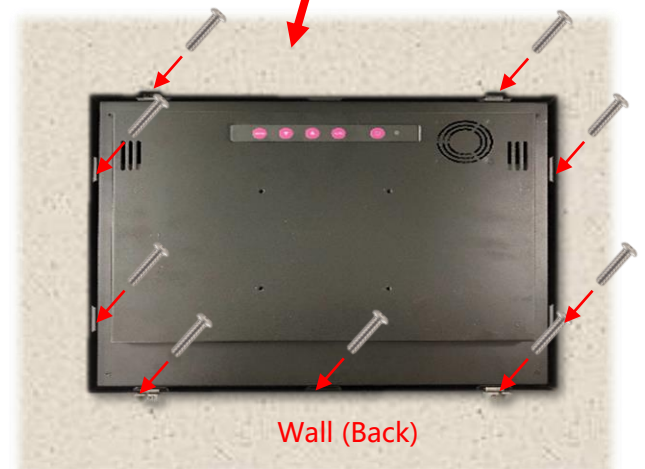




Step 1: Assemble the front module with the screen body. (This step is pre-assembled at the factory.)



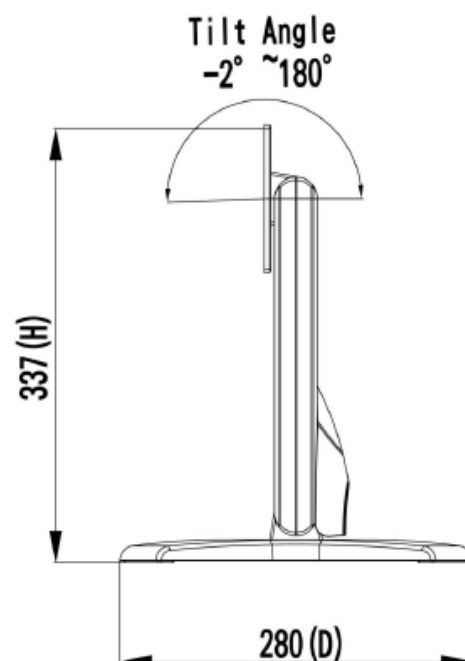
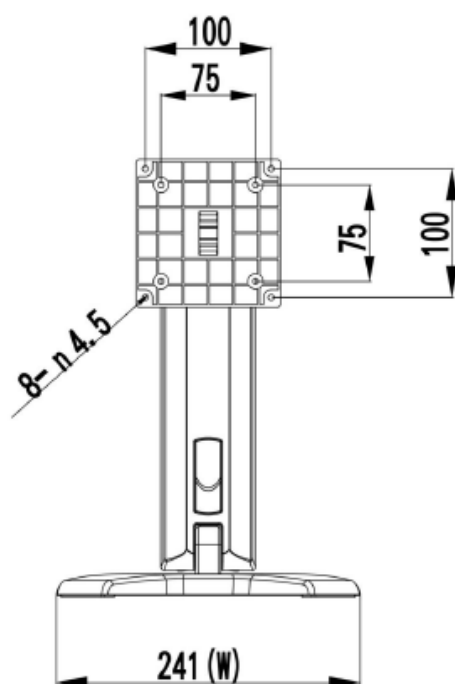
Step 2: Insert the screen from the front into the pre-cut opening.



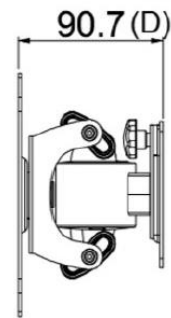
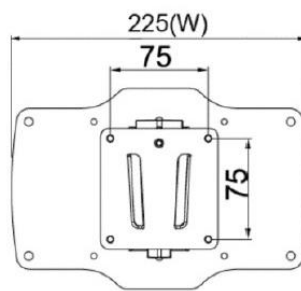
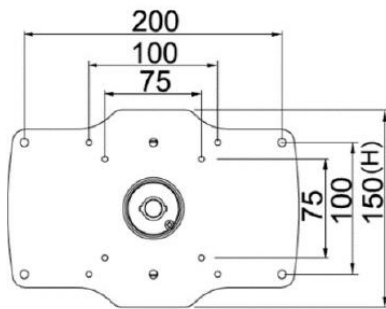
Step 3: Attach the clips from the back and secure with screws. (Up to 9 clips can be installed as needed or per positional limitations.)

Desktop Stand (Option)

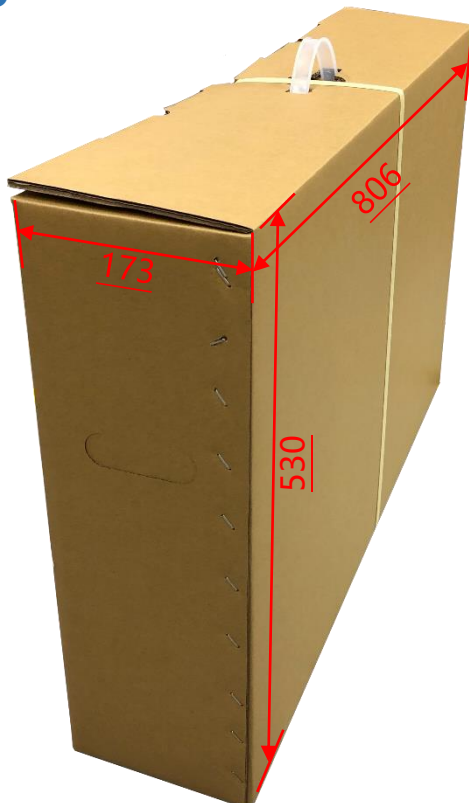
Item	B Stand	Part No.	DST-0B003/DST-1B003
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD) mm	241(H)x275(W)x337(D) mm
Material	Steel/Plastic/Aluminum	Net Weight	2.1 KG
Tilt (Hinge)	-2° ~ +180°	Support Max. Weight	20 KG



Wall Mount Bracket (Option)



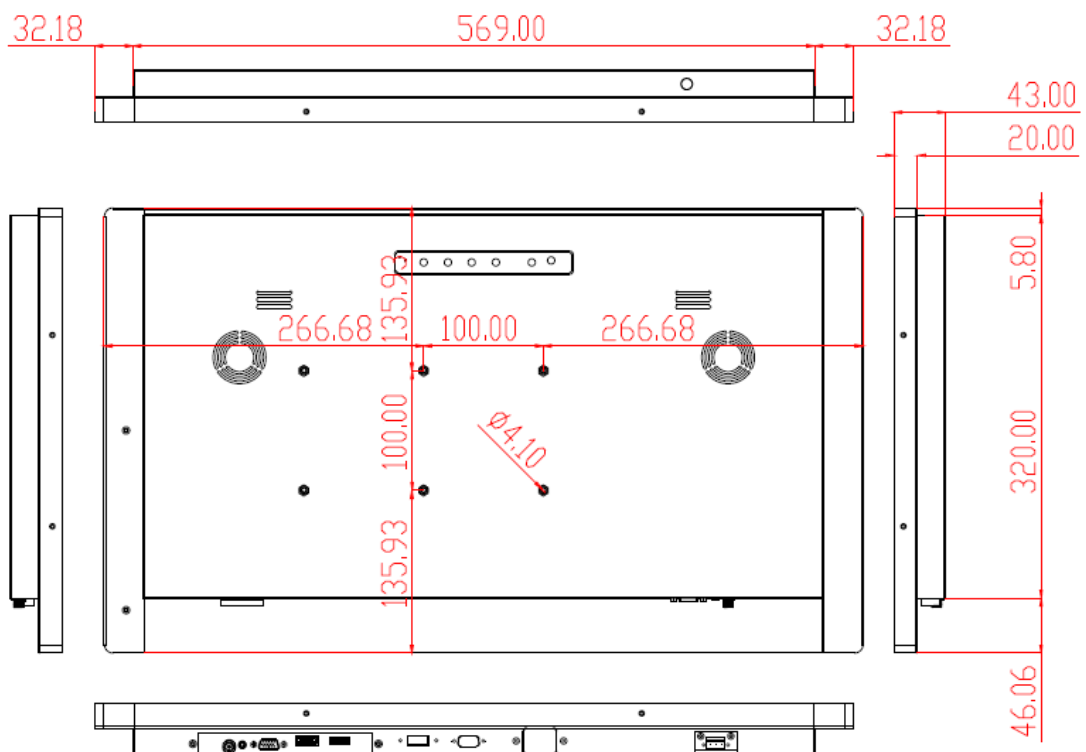
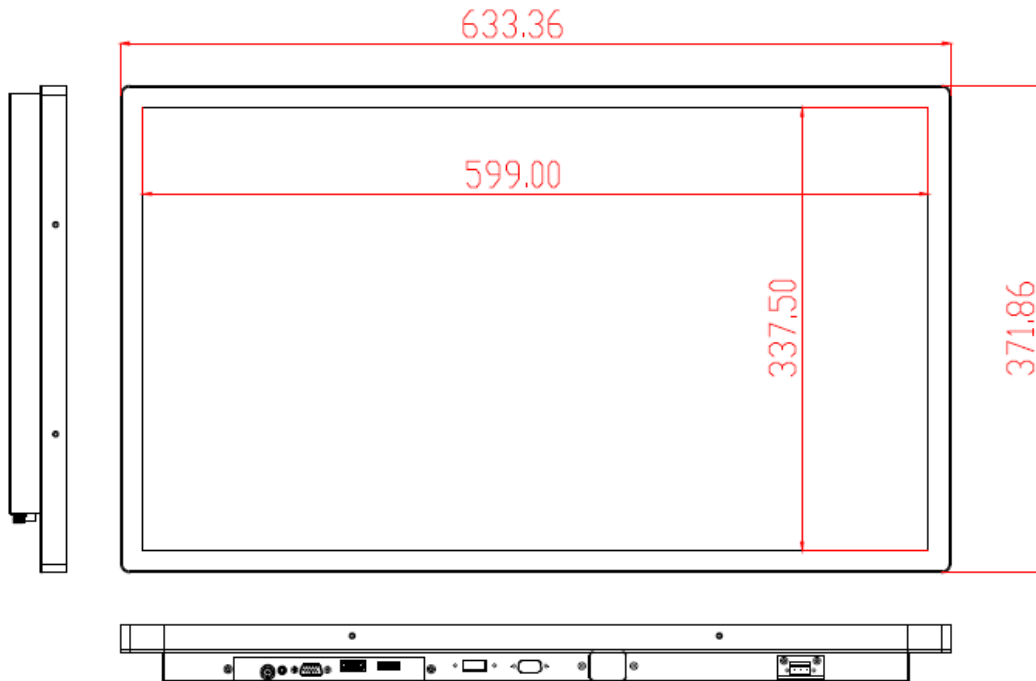
Packing Information



Dimensions of Carton	806x173x530 mm
Net Weight	≤7.8 KG
Gross Weight	≤10.1 KG
Units per Pallet	18 units
Pallet Size	120x100x179 CM

Physical Specifications

Dimension (Max)	633.4x371.9x43(±2)mm	Net Weight	≤7.8 KG
VESA Mounting	100x100 mm	Gross Weight	≤10.1 KG



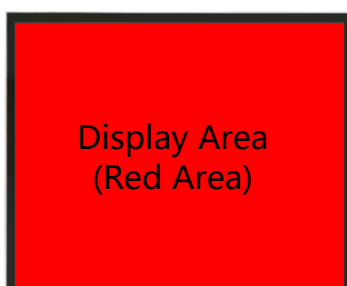
Cosmetic Inspection Standard

Display Area Allowance			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including dark dot, particles, bubbles, pits, dust, foreign matter)	$D \leq 0.2\text{mm}$	Ignored	D=Diameter
	$0.2 < D \leq 0.7\text{mm}$	$N \leq 5$	N=Quantity
	$0.7 < D \leq 1\text{mm}$	$N \leq 3$	
	$D > 1\text{mm}$	$N \leq 0$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.15\text{mm}$	Ignored	W=Width
	$0.15 < W \leq 0.5\text{mm}, L \leq 15\text{mm}$	$N \leq 2$	L=Length
	$W > 0.5\text{mm}$ or $L > 15\text{mm}$	NG	

* Visual inspection distance: 60cm, 90 degree (same for front/side/back)

Front Appearance Allowance (Including Coating)			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including particles, bubbles, pits...etc.)	$D \leq 0.7\text{mm}$	Ignored	D=Diameter
	$0.7 < D \leq 1.5\text{mm}$	$N \leq 3$	N=Quantity
	$D > 1.5\text{mm}$	$N \leq 0$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.2\text{mm}, L \leq 15\text{mm}$	Ignored	W=Width, L=Length
	$0.2 < W \leq 0.7\text{mm}, L \leq 15\text{mm}$	$N \leq 1$	
	$W > 0.7\text{mm}$ or $L > 15\text{mm}$	NG	

Side / Back Appearance Allowance (Including Coating)			
Defect description	Defective Specifications	Allowance	Remarks
Dot Defect (including particles, bubbles, pits...etc.)	$D \leq 1.5\text{mm}$	Ignored	D=Diameter
	$1.5 < D \leq 3\text{mm}$	$N \leq 8$	N=Quantity
	$D > 3\text{mm}$	$N \leq 2$	
Linear Defect (including scratches, fluff, particles)	$W \leq 0.8\text{mm}, L \leq 15\text{mm}$	Ignored	W=Width, L=Length
	$0.8 < W \leq 1.5\text{mm}, L \leq 15\text{mm}$	$N \leq 5$	
	$W > 1.5\text{mm}$ or $L > 15\text{mm}$	NG	



Display Area
(Red Area)



Front Appearance (Red Area)



Back Appearance