

Product Specifications

Customer	
Model	NTAP170-2-Q3 V500
Model No.	NTAP170<u>XX2XX</u>-Q3A84FA-<u>XXXX</u>-500

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



Records of Revision			
Vision	Modifying	Old Description	New Description
v2110.1	Preliminary Specification		
v2110.2	Modify the Design of the Carton		



Features

- ★ 17 inch Industrial Grade Panel, 1280x1024 Resolution
- ★ Operating Temperature Range -30~85°C
- ★ Rock Chip ARM Cortex A72+A53 RK3399 Quad-Core CPU
- ★ On Board DDR3 4G Memory
- ★ On Board 16G Flash ROM (Max. upgraded to 32G)
- ★ Micro SD Card Slot x1 (Max. to 64G)
- ★ Android 10.0
- ★ Narrow Bezel, True Flat Projected Capacitive Touch Screen
- ★ 7H Hardness Tempered Cover Glass
- ★ 10 points Multi-touch, Supports Active Stylus
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments
- ★ Optional High Brightness 1500nits, for Outdoor Environment
- ★ Optional AG Coating/Antibacterial/Privacy Filter Surface Treatment



PSE



BSMI



RoHS



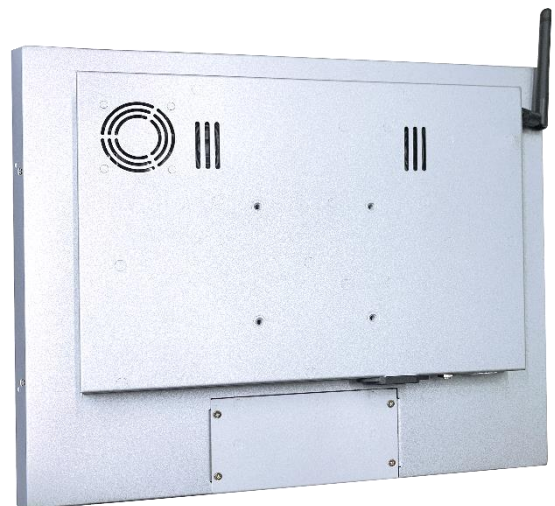
CE



ISO9001



FCC



Desktop Stand



Wall Mounting



Open-frame Bracket



Panel Mount



System Specifications

CPU	Dual Core ARM Cortex-A72 +Cortex-A53 up to 2.0GHz
Memory	DDR3 4G
Storage	16G Flash ROM (Max. to 32G)
GPU Chip	Mali T864 GPU
Sound Chip	Realtek ALC662 Audio CODEC
Physical Network	1x GbE Lan port (RJ45)
Wireless Network	IEEE 802.11b/g/n 2.4G WIFI and Blue Tooth v2.1+EDR/V3.0/V3.0+HS/V4.0
OS	Android 10.0

Display Specifications

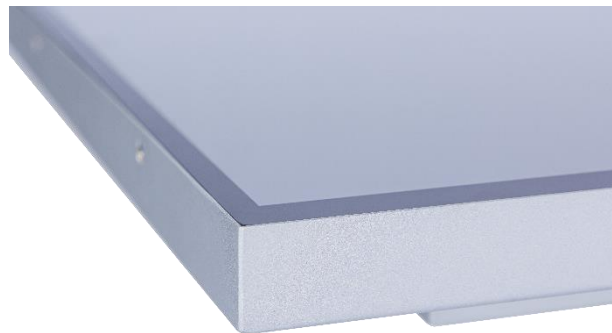
Screen Diagonal	432mm (17.0 inch)	Display Mode	TN Type, Normally Black
Display Area	337.9x270.3 mm	Backlight Unit	LED (white LED)
Resolution	1280x1024	Viewing Angle (L/R, U/D)	80°/80°/60°/80°
Contrast Ratio	800:1	Backlight Lifetime	>50,000 Hours
Display Ratio	4:3	Operating Temp.	-30~85°C
Support Colors	16.7M Colors	Storage Temp.	-30~85°C
Pixel Pitch	264x264 um	Surface Treatment	Anti-glare, Hardness 3H
Response Time	30 msec.		

Display Options

Brightness			
	Brightness	Environment	Model Name
Standard	350nits	General	NTAP170NX2XX-Q3A84FA-XXXX-500
Option 1	1000nits	Outdoor Environment	NTAP170AX2XX-Q3A84FA-XXFX-500
Option 2	1500nits	Sunlight Readable	NTAP170FX2XX-Q3A84FA-XXFX-500

Touch Options

Projected Capacitive			
Model Name	NTAP170X <u>P2XX</u> -Q3A84FA- <u>XXXX</u> -500		
Touch Technology	Projected Capacitive	Thickness of Cover Lens	2.0±0.2mm
Allowed Touch Points	10 points	Hardness of Cover Lens	7H
Transparency	≥87%	IK Ratings	IK07
Accuracy	99.00%		



* True Flat, 1mm Bezel

Non-Touch	
Model Name	NTAP170X <u>O2XX</u> -Q3A84FA- <u>XXXX</u> -500

Surface Treatment Options		
	Description	Model Name
Standard	(none)	NTAP170XX2<u>00</u>-Q3A84FA-<u>XXXX</u>-500
Option 1	Anti-Glare Coating	NTAP170XX2 <u>GG</u> -Q3A84FA- <u>XXXX</u> -500
Option 2	Antibacterial (AB Film)	NTAP170XX2 <u>AB</u> -Q3A84FA- <u>XXXX</u> -500
Option 3	Anti-Spy (AS Film)	NTAP170XX2 <u>SF</u> -Q3A84FA- <u>XXXX</u> -500

Active Stylus (Option)	
Technology	Active Capacitive Coupled
Working Frequencies	90~250 KHZ
Pressure Level	256~1024 Levels
Side Buttons	2 Side Buttons (Eraser, Barrel)
Active Tip Force	5~25g
Max. Tip Force	400g



System Options

Material of Cabinet		
	Description	Model Name
Standard	SECC	NTAP170XX2XX-Q3A84FA-SXXX-500
Option 1	Stainless Steel	NTAP170XX2XX-Q3A84FA-LXXX-500
Option 2	Aluminum	NTAP170XX2XX-Q3A84FA-AXXX-500

Color of Cabinet		
	Description	Model Name
Standard	Silver	NTAP170XX2XX-Q3A84FA-XSXX-500
Option 1	White	NTAP170XX2XX-Q3A84FA-XWXX-500
Option 2	Black	NTAP170XX2XX-Q3A84FA-XBXX-500
Options	Other Colors	NTAP170XX2XX-Q3A84FA-XXXX-500

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

Cooling Fan		
	Description	Model Name
Standard	Fanless	NTAP170XX2XX-Q3A84FA-XX0X-500
Option	7 Blades/4000r.p.m/28.3dB	NTAP170XX2XX-Q3A84FA-XXFX-500

Power Input		
	Description	Model Name
Standard	12VDC-in, with AC/DC Adapter	NTAP170XX2XX-Q3A84FA-XXX2-500
Option	100~240V AC, C14 AC Power Socket	NTAP170XX2XX-Q3A84FA-XXXA-500

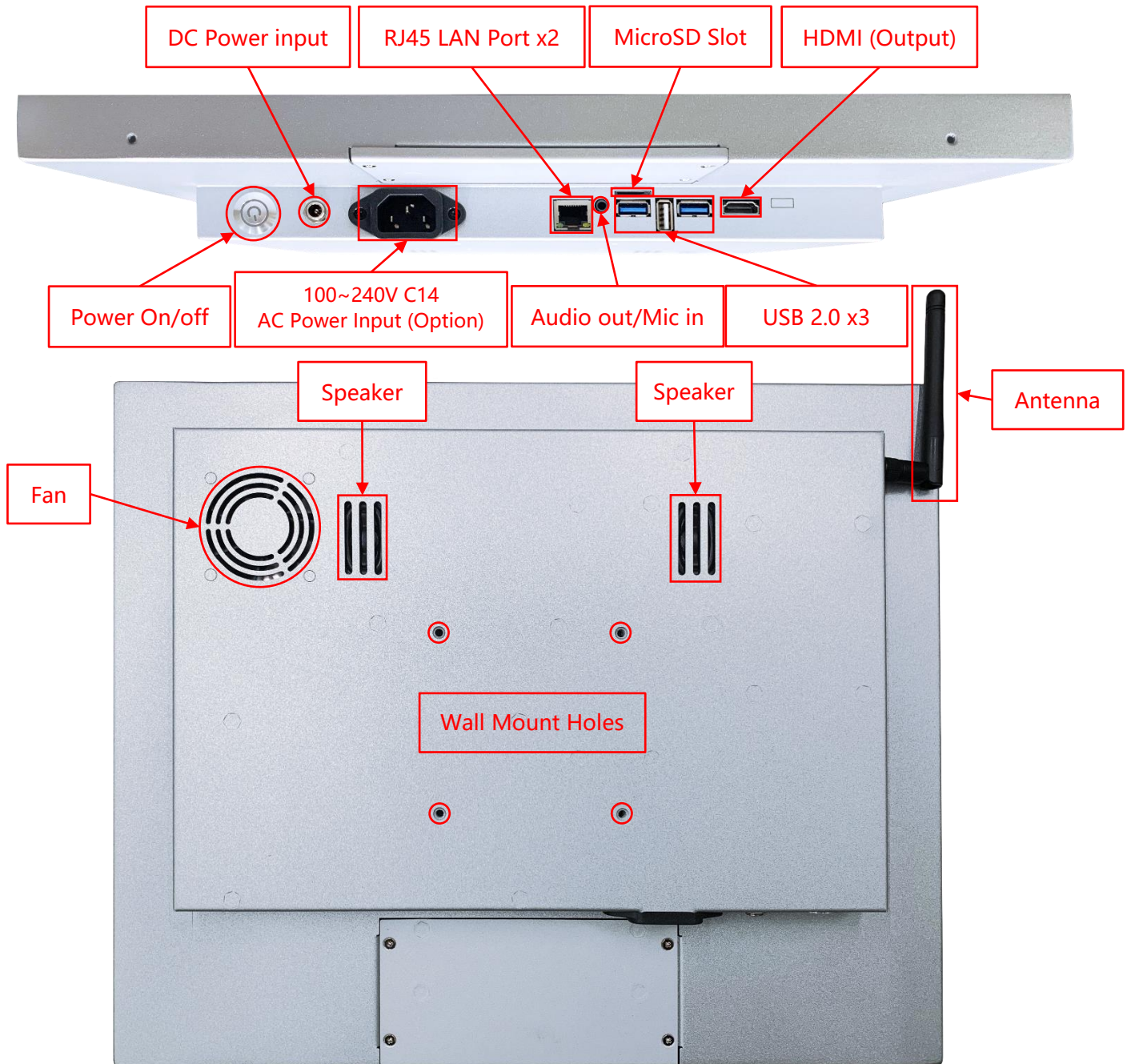


DC-in



AC-in

Input /Output System



Input / Output	Connectors	Input / Output	Connectors
HDMI (Output)	1	USB 2.0	3
Audio Output /Mic Input (3.5mm)	1	MicroSD Card Slot	1
DC Power Input	1	LAN (RJ45)	1
AC Power Input	Option	Wi-Fi/Bluetooth & Antenna	1
Speakers	2W x2		

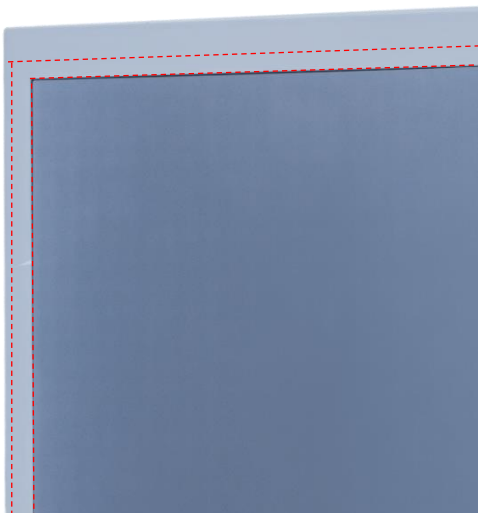
Front Cover (Option)



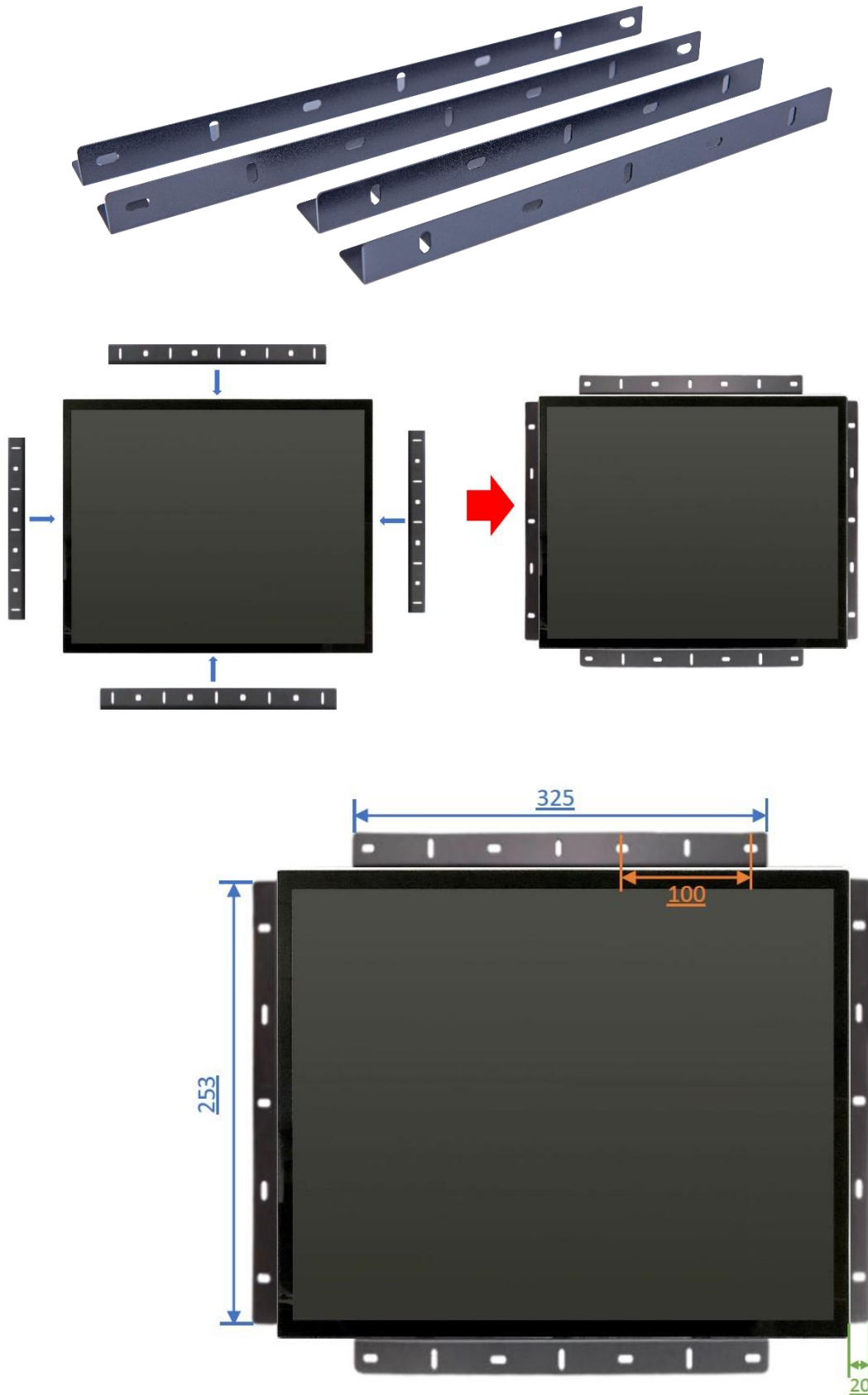
The standard **NTAP170** is true flat surface, with only 1mm metal bezel.
To protect the corners of the touch screen, the **Front Cover** can be added.



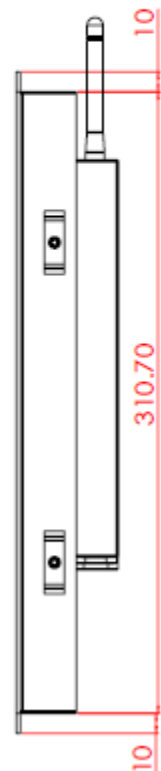
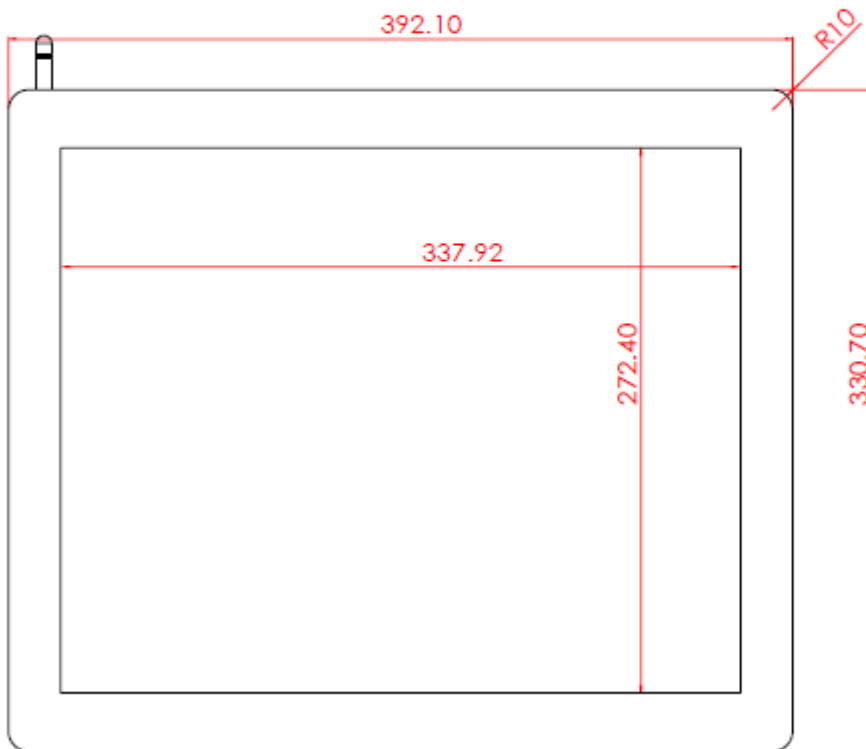
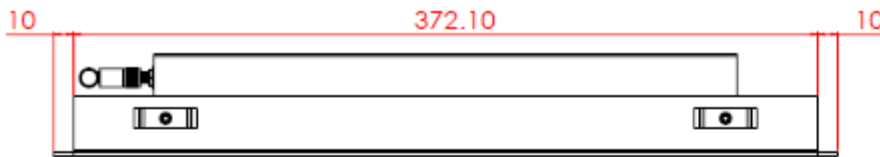
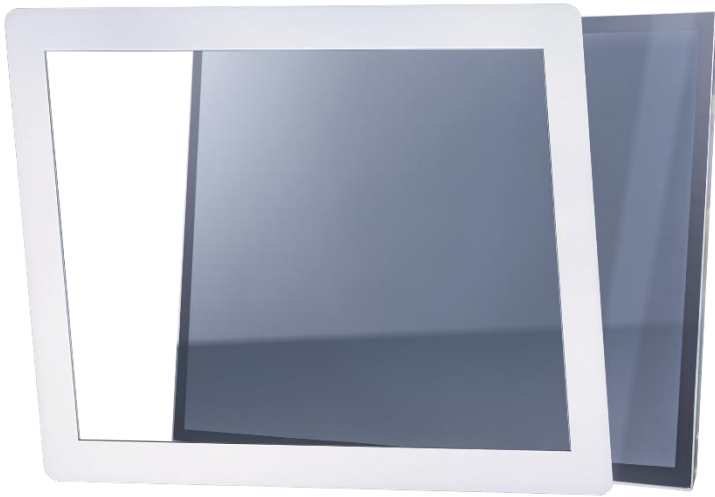
The watertight gasket can be added between the **Front Cover** and **NTAP170**.
It complies **IP65** on front.

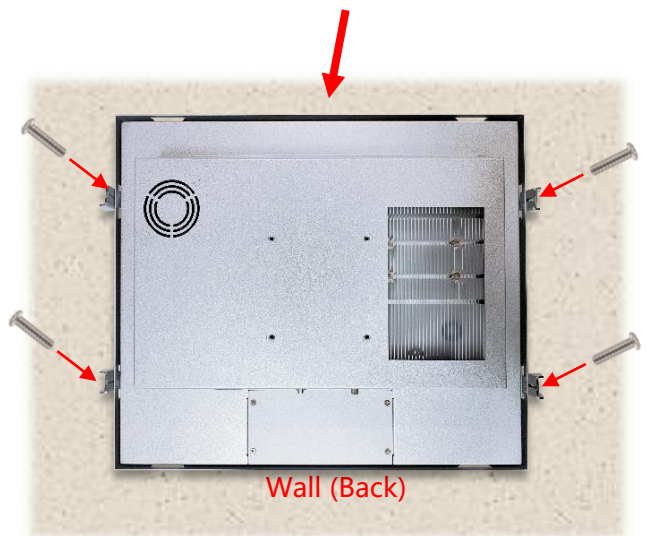
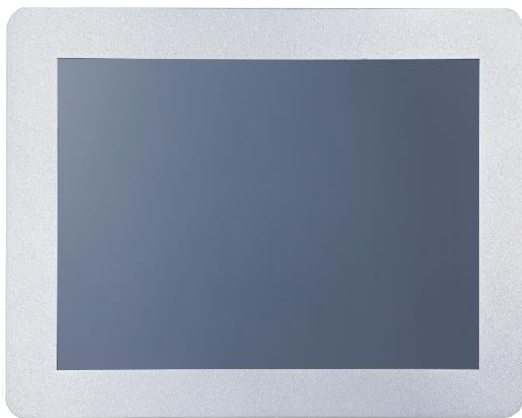
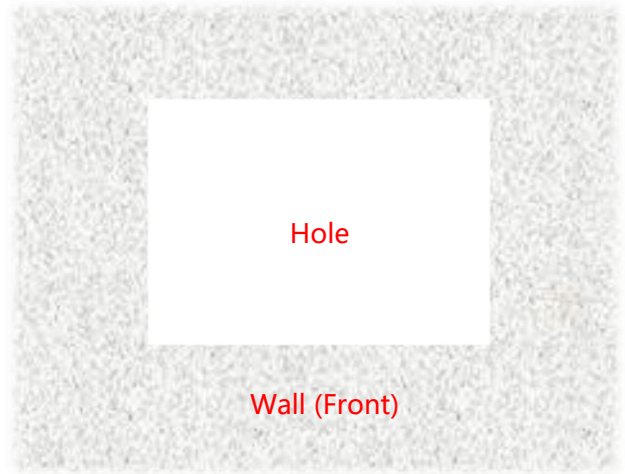
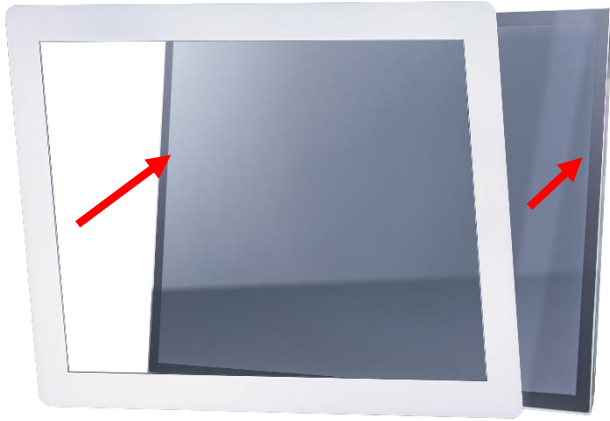


Open-frame Brackets (Option)



Panel Mount Kits (Option)



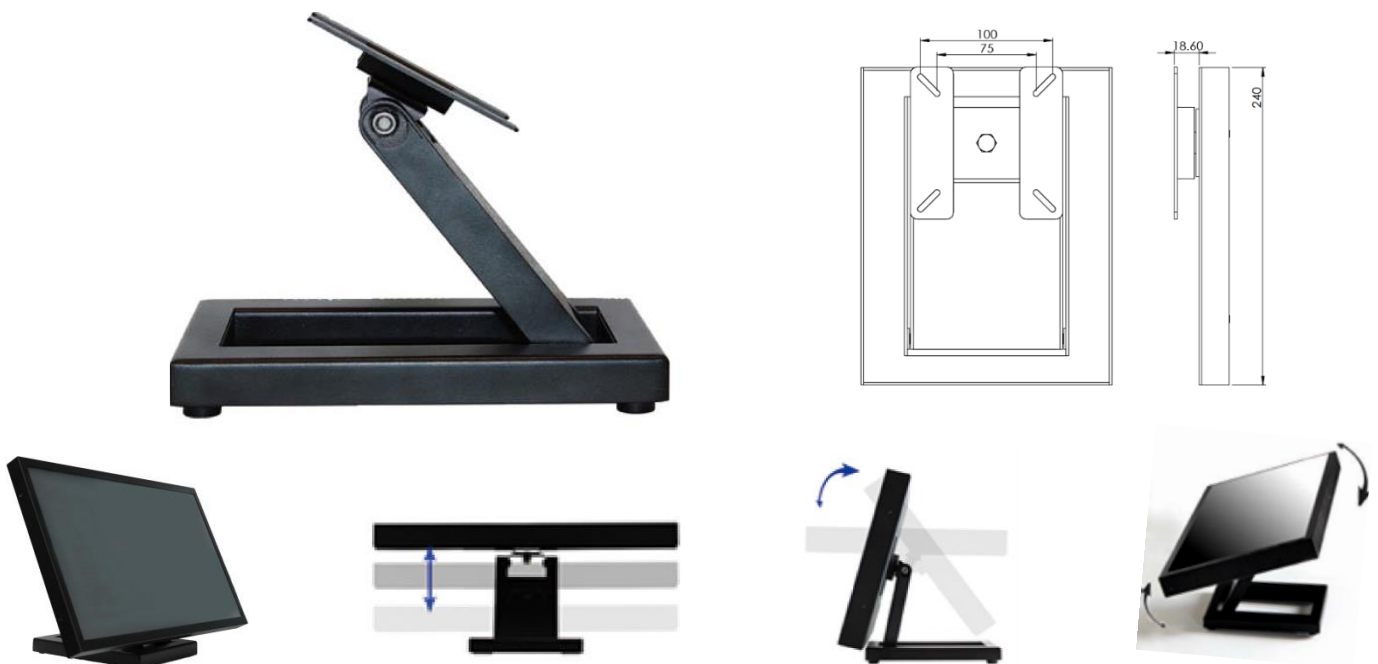


Desktop Stand (Option)

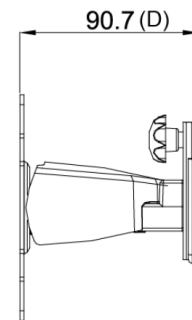
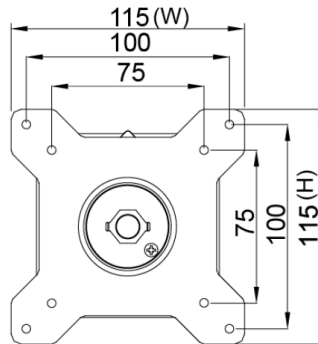
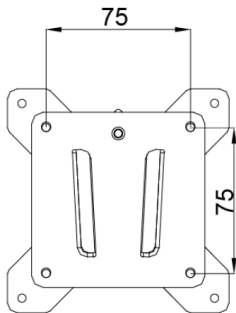
Item	B Stand	Part No.	DST-0B002/DST-1B002
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	203x275x227 mm
Material	Steel/Plastic/Aluminum	Net Weight	1.8 KG
Tilt (Hinge)	-2° ~ +180°	Support Max. Weight	15 KG



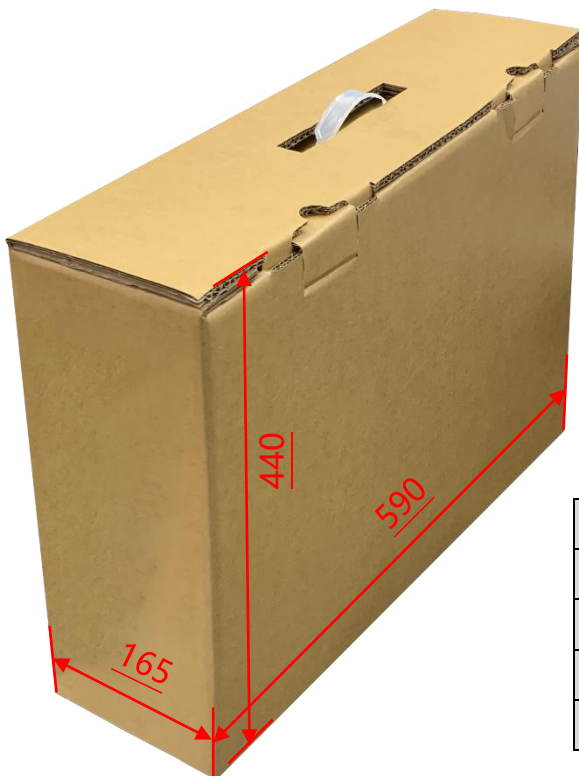
Item	Z Stand	Part No.	DST-0BZ01/DST-1BZ01
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	190x240x41.6
Material	SECC	Net Weight	2.6 KG
Tilt (Hinge)	±360°	Support Max. Weight	15 KG



Wall Mount Bracket (Option)



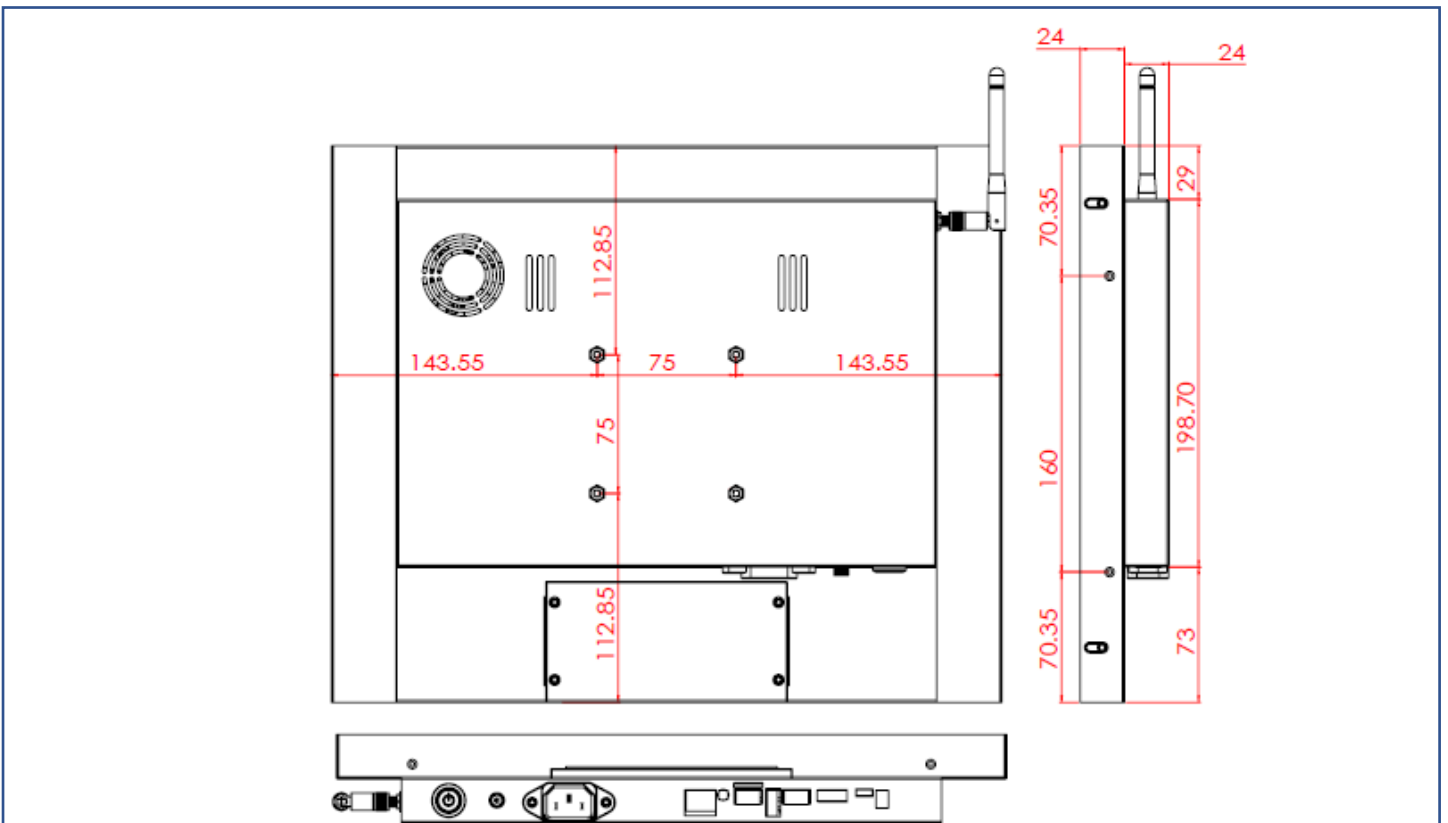
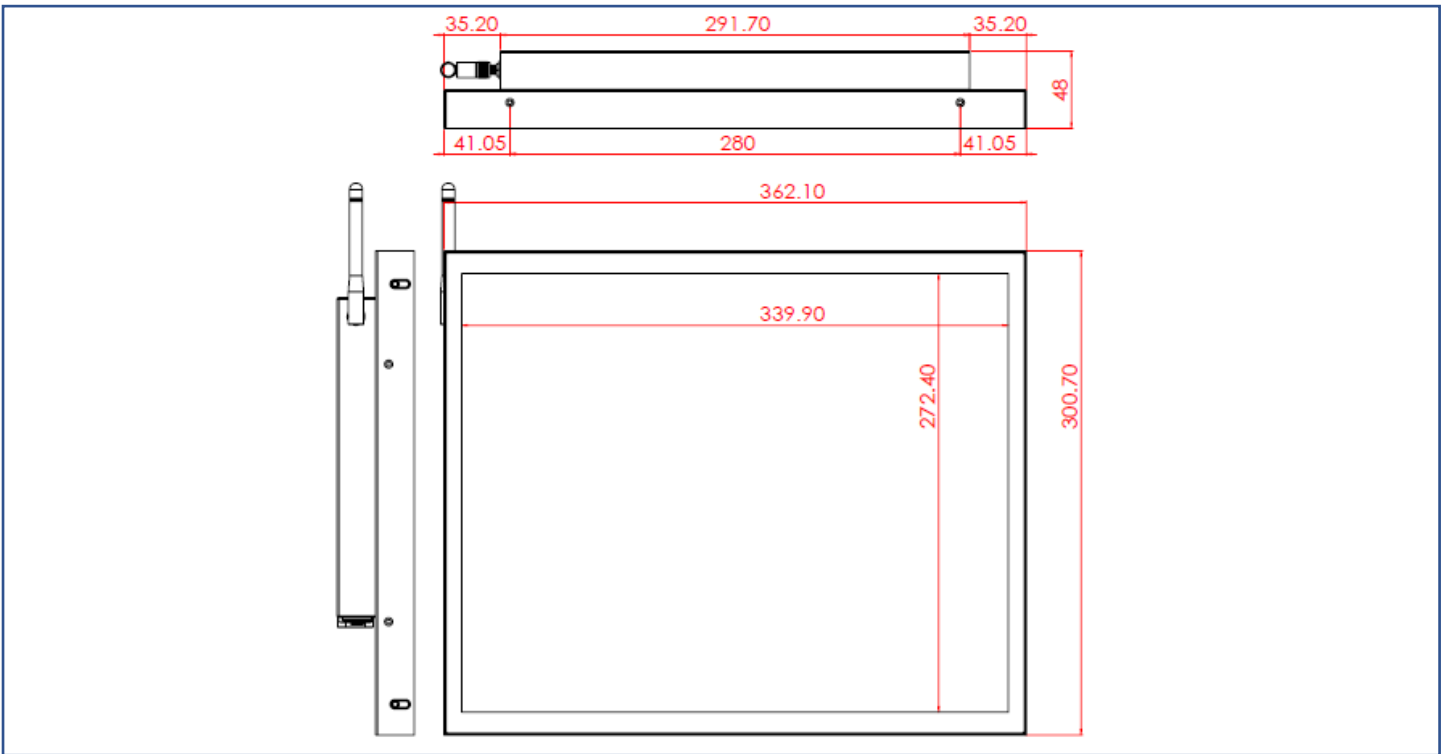
Packing Information



Unit Carton Size	590x165x440 mm
Unit N. Weight	≤3.9 KG
Unit G. Weight	≤4.5 KG
Units per Pallet	36 units
Pallet Size	120x100x147 CM

Physical Specifications

Dimension	301x362x48(±2)mm (W/O Antenna)	Net Weight	≤3.9 KG
VESA Mounting	75x75 mm	Gross Weight	≤4.5 KG



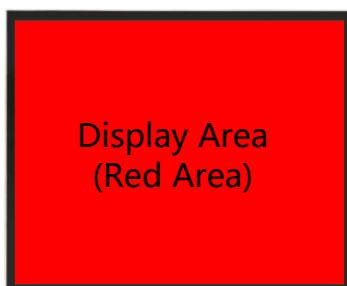
Cosmetic Inspection Standard

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