

Product Specifications

Customer	
Model	NTAP215-2-S9 V600
Model No.	NTAP215H <u>X</u> 2 <u>XX</u> -S9A84FB- <u>XX</u> <u>F</u> <u>X</u> -600

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



Records of Revision			
Vision	Modifying	Old Description	New Description
v2506.1	Preliminary specification		

Features

- ★ 21.5 inch Panel, 1920x1080 (FHD) Resolution
- ★ 1500nits High Brightness
- ★ Wide Viewing Angle Technology (178°/178°)
- ★ Rock Chip ARM Cortex A72+A53 RK3399 Quad-Core CPU
- ★ On Board DDR4 4G Memory
- ★ On Board 32 Flash ROM
- ★ Micro SD Card Slot x1
- ★ Android 11
- ★ Narrow Bezel, True Flat Projected Capacitive Touch Screen
- ★ 7H Hardness Tempered Cover Glass
- ★ 10 points Multi-touch, Supports NEXTECH Dedicated Stylus
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments
- ★ Optional AG Coating/Anti-UV/Antibacterial/Privacy Filter Surface Treatment



PSE



BSMI



CE



ISO9001



FCC



Desktop Stand



Wall Mounting



Open-frame Brackets



Panel Mount

System Specifications

CPU	Dual Core ARM Cortex-A72 +Cortex-A53 up to 2.0GHz
Memory	DDR4 4G
Storage	32G Flash ROM
Sound Chip	Everest ES8336 Codec
Physical Network	Realtek GbE LAN Chip (RJ45, 10/100/1000 Mbps)
Wireless Network	Wi Fi 2.4/5GHz
OS	Android 11

Display Specifications

Screen Diagonal	21.5 inch	Display Mode	Normally Black
Display Area	476.6x268.1 mm	Backlight Unit	LED (white LED)
Resolution	1920x1080 (FHD)	Viewing Angle (L/R, U/D)	178°/178° (CR=10)
Contrast Ratio	1000:1	Response Time	14 msec.
Display Ratio	16:9	Backlight Lifetime	>30,000 Hours
Support Colors	16.7M Colors	Operating Temp.	-20~70°C
Pixel Pitch	0.24825x0.24825 mm	Storage Temp.	-30~80°C
Brightness	1500nits		

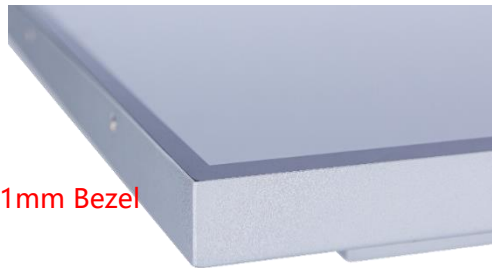
Touch Options

Touch Screen		
	Description	Model Name
Standard	Projected Capacitive Touch	NTAP215H<u>P</u>2XX-S9A84FB-XXFX-600
Option 1	Resistive Touch	NTAP215H <u>5</u> 2XX-S9A84FB-XXFX-600
Option 2	Non-Touch	NTAP215H <u>0</u> 2XX-S9A84FB-XXFX-600

Projected Capacitive Touch

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



Resistive Touch

Touch Technology	Resistive Touch	Transparency	80%±5%
Allowed Touch Points	1 point	Surface Treatment	Anti-glare<15%
Precision	98.50%	Hardness	≥3H

Surface Treatment		
	Description	Model Name
Standard	(none)	NTAP215HX2<u>00</u>-S9A84FB-XXFX-600
Option 1	Anti-Glare&Anti-UV Coating	NTAP215HX2 <u>GG</u> -S9A84FB-XXFX-600
Option 2	Antibacterial (AB Film)	NTAP215HX2 <u>AB</u> -S9A84FB-XXFX-600
Option 3	Anti-Spy (AS Film)	NTAP215HX2 <u>SF</u> -S9A84FB-XXFX-600

System Options

Material of Cabinet		
	Description	Model Name
Standard	SECC	NTAP215HX2XX-S9A84FB-<u>S</u>FX-600
Option 1	Stainless Steel	NTAP215HX2XX-S9A84FB- <u>L</u> FX-600
Option 2	Aluminum	NTAP215HX2XX-S9A84FB- <u>A</u> FX-600

Color of Cabinet		
	Description	Model Name
Standard	Silver	NTAP215HX2XX-S9A84FB-<u>X</u><u>S</u>FX-600
Option 1	White	NTAP215HX2XX-S9A84FB- <u>X</u> <u>W</u> FX-600
Option 2	Black	NTAP215HX2XX-S9A84FB- <u>X</u> <u>B</u> FX-600
Options	Other Colors	NTAP215HX2XX-S9A84FB- <u>X</u> <u>X</u> FX-600

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

Power Input		
	Description	Model Name
Standard	12VDC-in, with AC/DC Adapter	NTAP215HX2XX-S9A84FB-<u>XX</u><u>F</u><u>2</u>-600
Option	100~240V AC, C14 AC Power Socket	NTAP215HX2XX-S9A84FB- <u>XX</u> <u>F</u> <u>A</u> -600

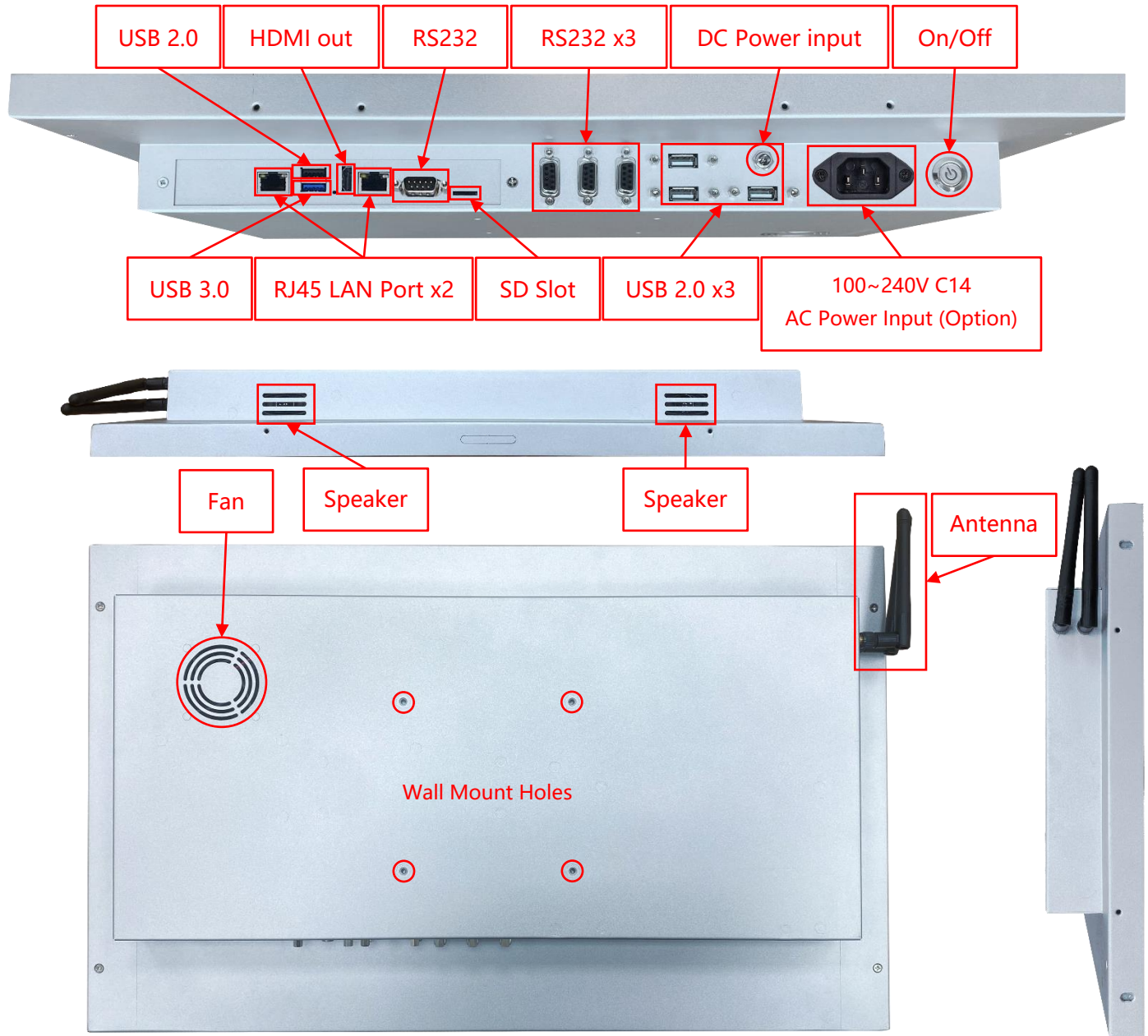


DC-in



AC-in

Input /Output System



Input / Output	Connectors	Input / Output	Connectors
HDMI output	1	Card Slot	1
DC Power Input	1	LAN (RJ45)	2
AC Power Input	Option	Wi-Fi/Bluetooth & Antenna	1
USB 2.0	4	Speakers	2W x2
USB 3.0	1	RS232	3

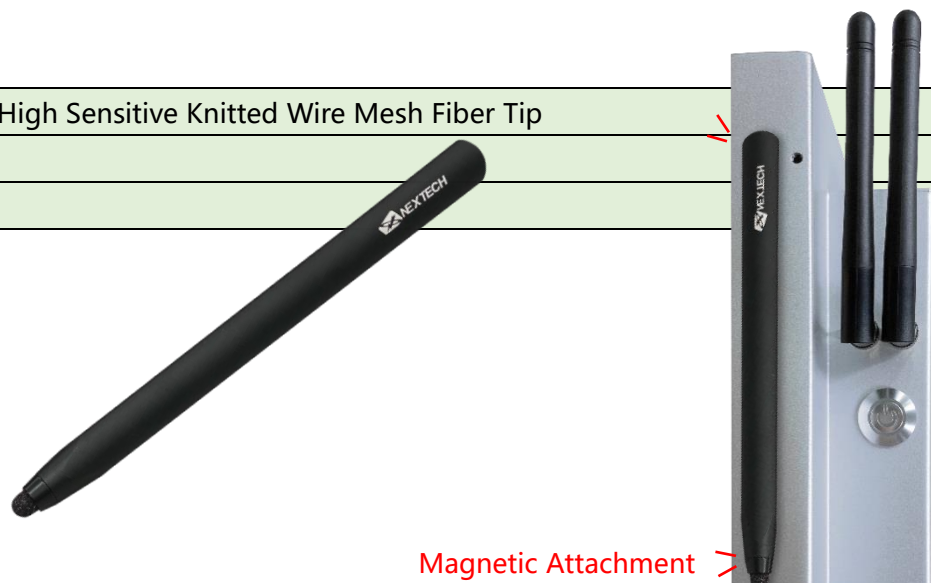
Camera & Microphone (Option)



Lens	1/3.06" CMOS Image sensor
Max. Resolution	12MP 3840x3104
Default Resolution	3840x2160 (UHD/4K)
Pixel Size	1.12um x1.12um
Device Name	12Mp WebCam
Auto Focus	Yes
Focus Distance	10 CM~Infinity
Input Voltage	5V
Microphone Sensitivity	-26 dBFS
Frequency	2.4 MHz
Data Latency	18~60 nsec

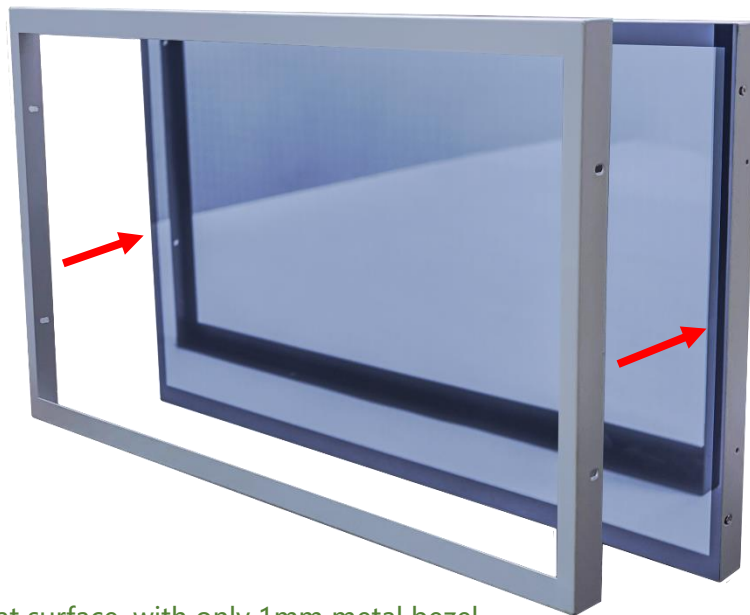
Stylus (Option)

Technology	Passive High Sensitive Knitted Wire Mesh Fiber Tip
Size of tip	6mm
Magnetic Attachment	Yes



Magnetic Attachment >

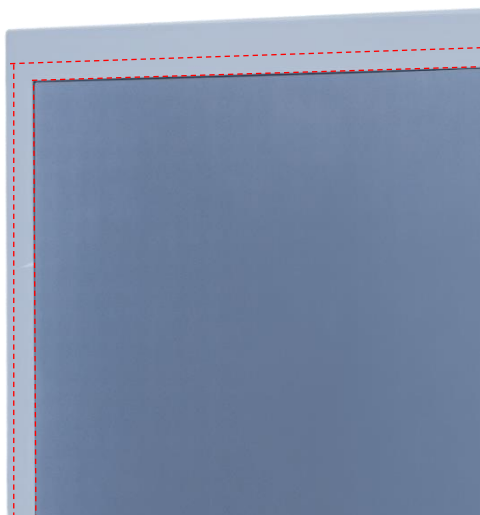
Front Cover (Option)



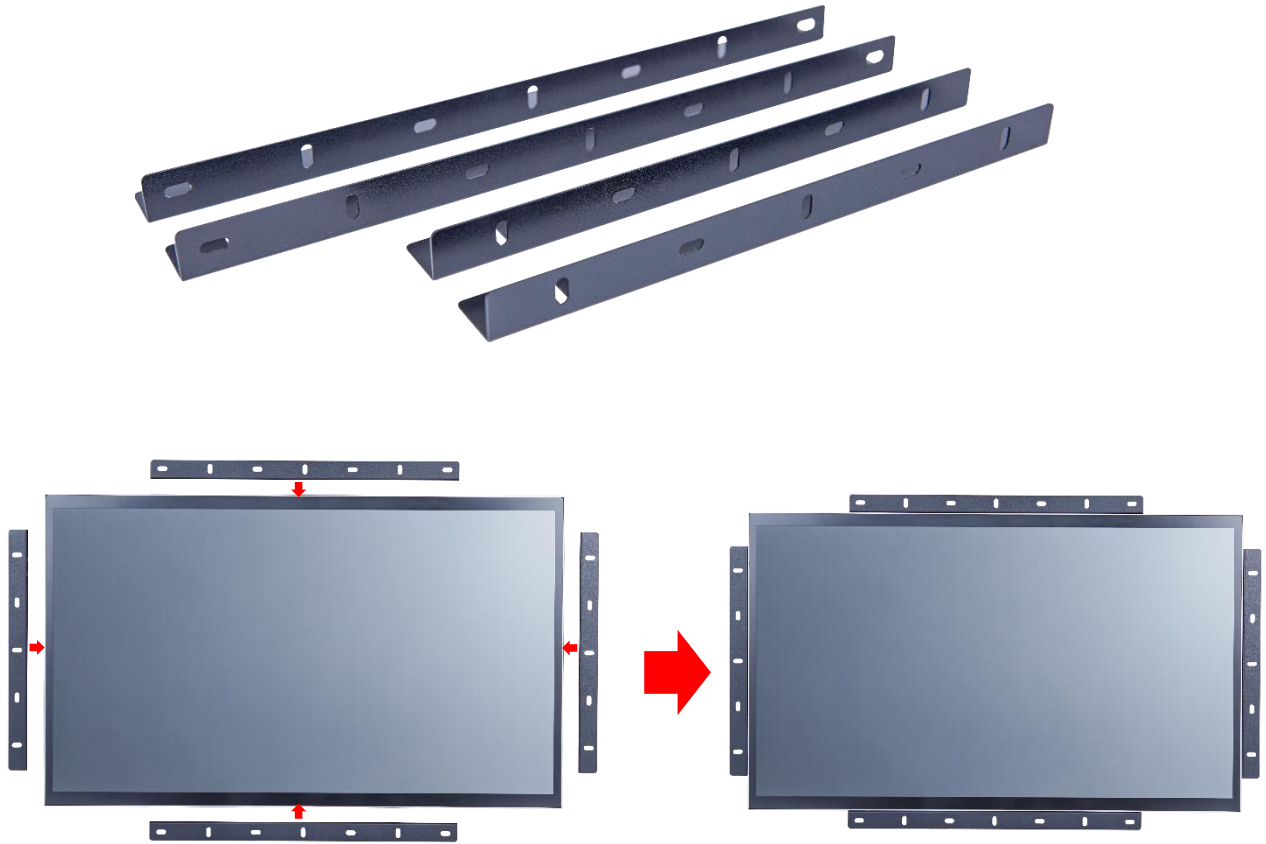
The standard **NTAP215** is true flat surface, with only 1mm metal bezel.
To protect the corners of the touch screen, the **Front Cover** can be added.



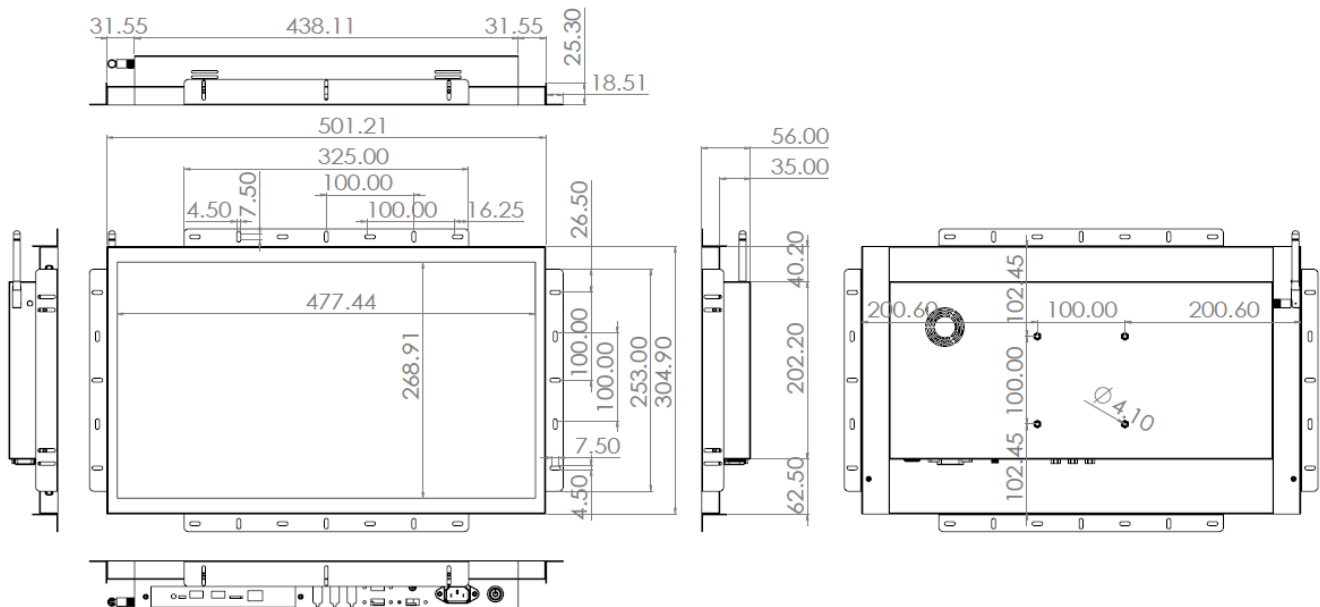
The watertight gasket can be added between the **Front Cover** and **NTAP270**.
It complies **IP65** on front.



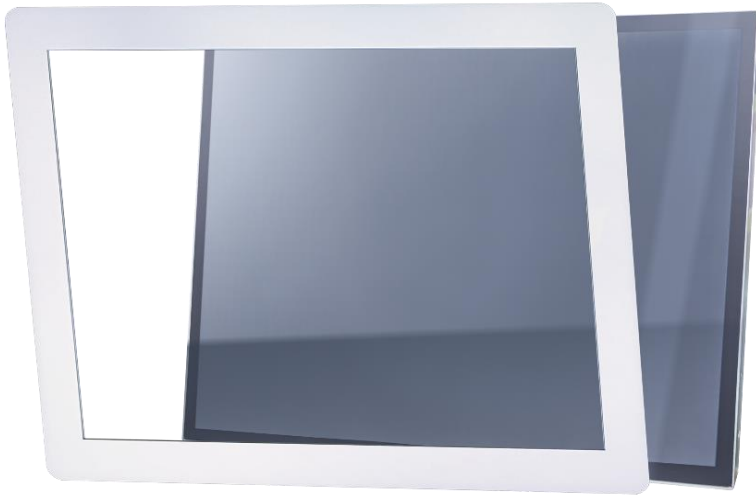
Open-frame Brackets (Option)



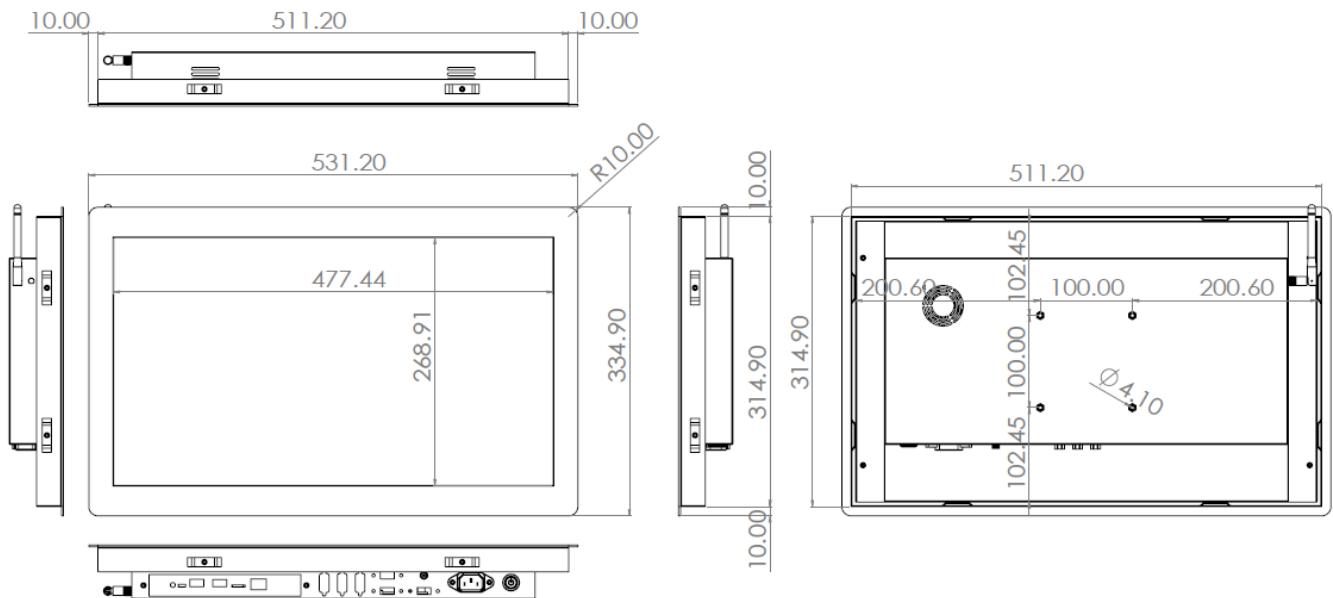
Dimension for Installing with Open-frame Brackets

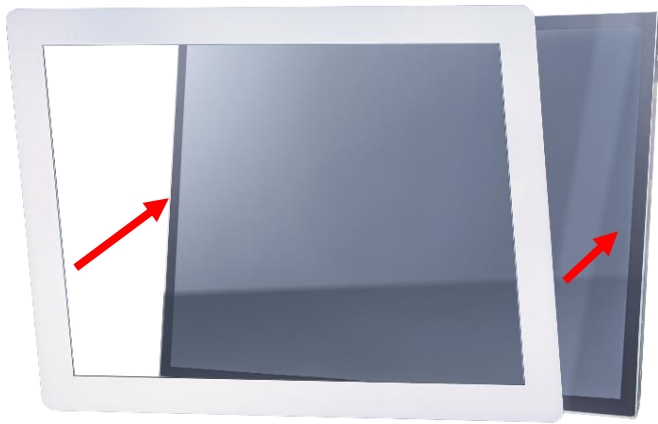


Panel Mount Kits (Option)

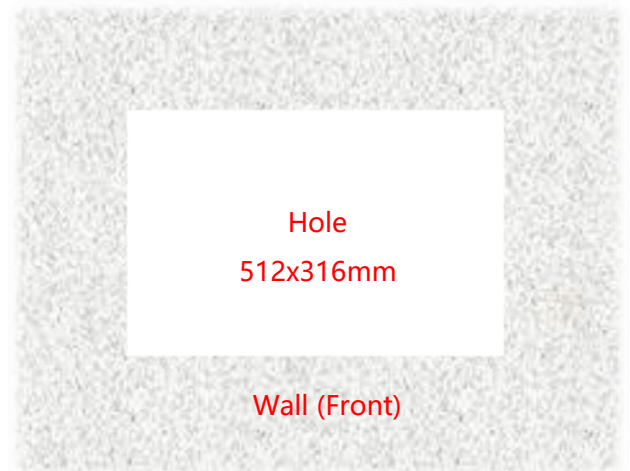


Dimension for Installing with Panel Mount Kits

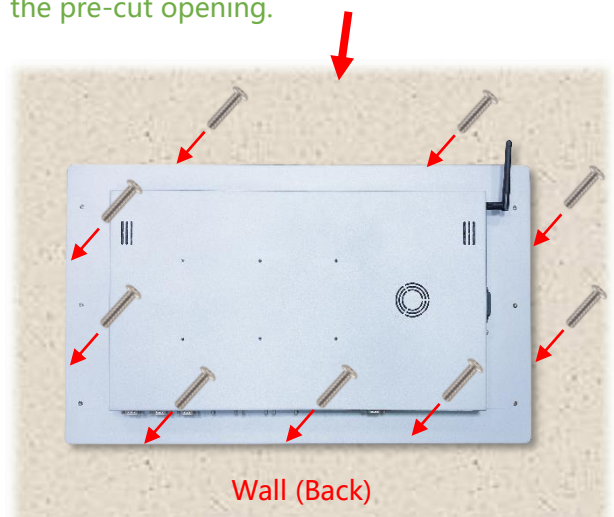




Step 1: Assemble the front module with the screen body. (This step is pre-assembled at the factory.)



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)

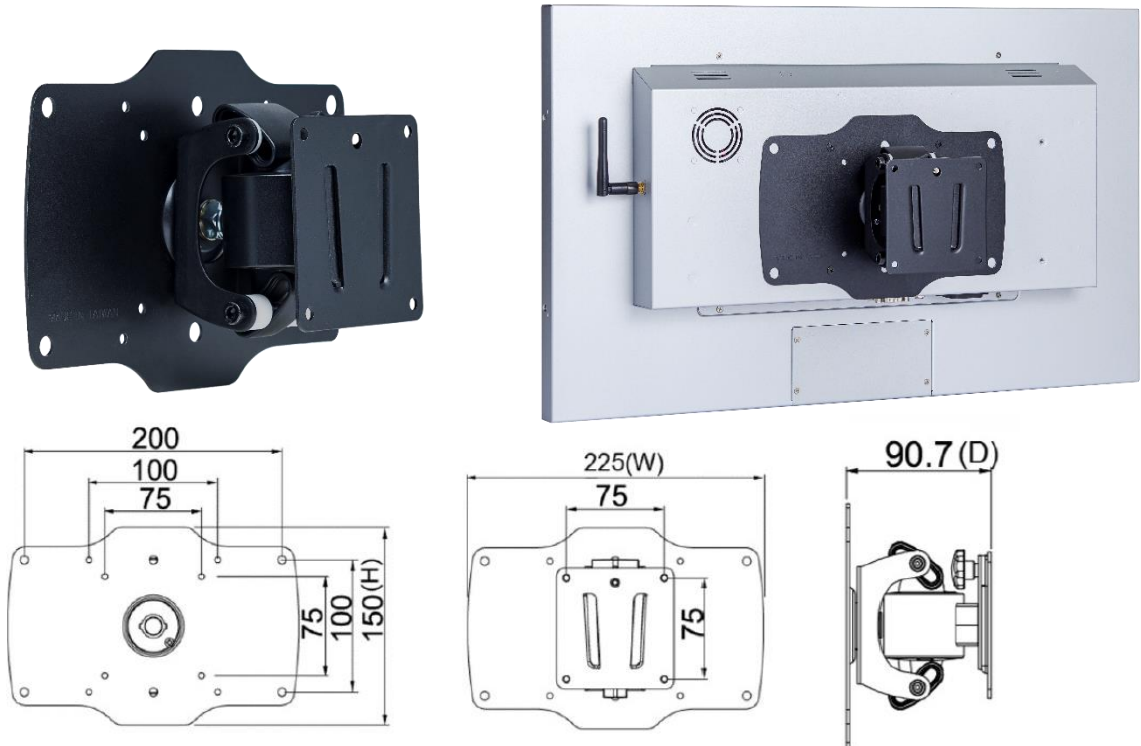
Item	B Stand	Part No.	DST-0B002/DST-1B002
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	203x275x227 mm
Material	Steel/Plastic/Aluminum	Net Weight	1.8 KG
Tilt (Hinge)	-2° ~ +180°	Support Max. Weight	15 KG



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)



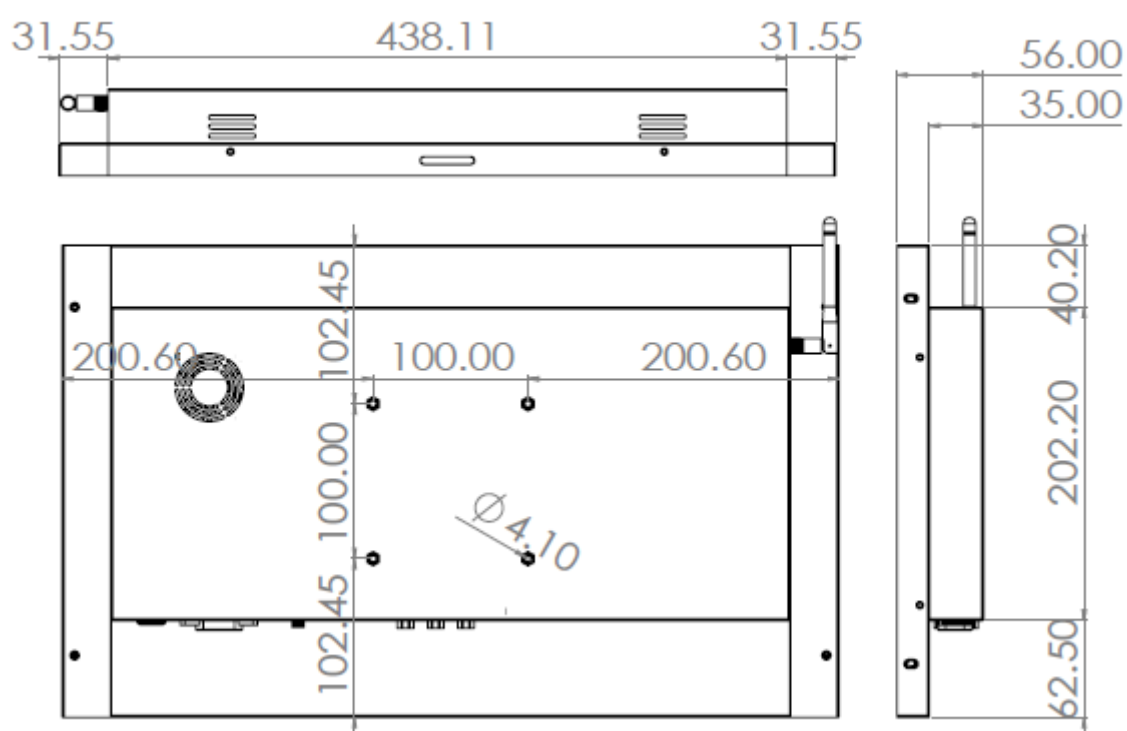
Packing Information



Unit Carton Size	670x155x445 mm
Unit N. Weight	≤5.1 KG
Unit G. Weight	≤7.2 KG
Units per Pallet	30 units
Pallet Size	120x100x147 CM

NTAP215-2-S9 V600

Dimension	501.21x304.9x56(±2)mm	Net Weight	≤7.8 KG
VESA Mounting	100x100 mm	Gross Weight	≤10.1 KG



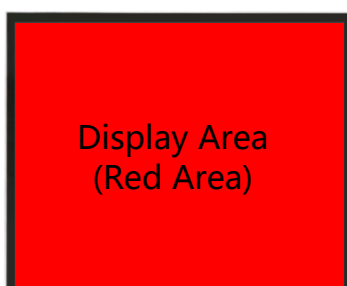
Cosmetic Inspection Standard

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