

Product Specifications

Customer	
Model	NTAP101-2-Q2 V500
Model No.	NTAP101H<u>X</u>2<u>XX</u>-Q2A72F8-<u>XX</u>02-500

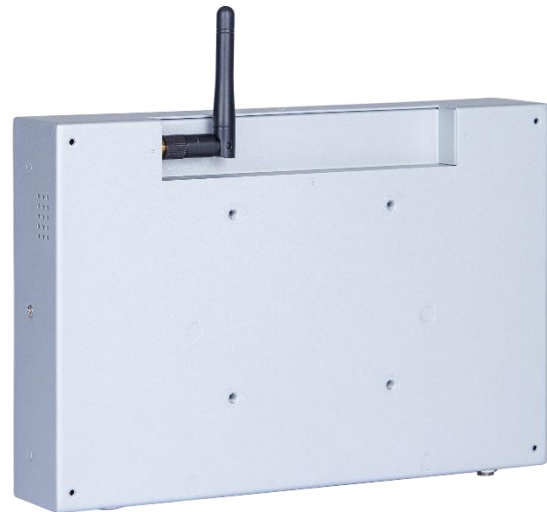
* X = A~Z, 0~9 (Depends on Options.)



Records of Revision			
Vision	Modifying	Old Description	New Description
v2603.1	Preliminary Specification		

Features

- ★ 10.1 inch Wide Screen Industrial Grade Panel, 1280x800 Resolution
- ★ 1000nits High Brightness
- ★ Wide Operating Temperature Range -20~70°C
- ★ Rock Chip ARM Cortex A17 RK3288 Quad-Core 1.8GHz CPU
- ★ On Board DDR3 2G RAM
- ★ On Board 8G 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 AG Coating/Antibacterial/Privacy Filter Surface Treatment



Desktop Stand



Wall Mounting



Open-frame Bracket



Panel Mount

System Specifications

CPU	Rock Chip ARM Cortex A17 RK3288 Quad-Core 1.8GHz
Memory	DDR3 2G
Storage	8G Flash ROM (Max. to 32G)
GPU Chip	Mali T764 GPU
Sound Chip	ES8316 2 Channel HD Audio
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
Power Input	12VDC-in, with AC/DC Adapter

Display Specifications

Screen Diagonal	10.1 inch	Display Mode	Normally Black
Display Area	216.96x135.6 mm	Backlight Unit	LED (white LED)
Resolution	1280x800	Response Time	25 msec. (Typ.)
Contrast Ratio	1300:1	Viewing Angle (L/R, U/D)	170°/170°
Display Ratio	16:10	Backlight Lifetime	>50,000 Hours
Support Colors	16.2M Colors	Operating Temp.	-20~70°C
Pixel Pitch	0.1695x0.1695 mm	Storage Temp.	-30~70°C
Brightness	1000nits		

Nextech P Series 10.1" Android All-in-one Industrial Touch PC

NTAP101-2-Q2 V500

Touch Options

Touch Screen		
	Description	Model Name
Standard	Projected Capacitive Touch	NTAP101H<u>P</u>2XX-Q2A72F8-XX02-500
Option	Non-Touch	NTAP101H <u>O</u> 2XX-Q2A72F8-XX02-500

Projected Capacitive Touch

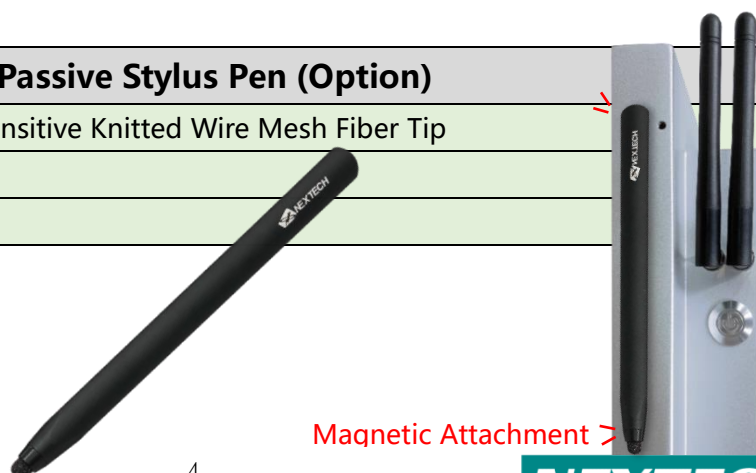
Allowed Touch Points	10 points	Thickness of Cover Lens	2.9±0.2mm
Transparency	≥87%	Hardness of Cover Lens	7H
Accuracy	99.00%	IK Ratings	IK07



* True Flat, 1mm Bezel

Surface Treatment		
	Description	Model Name
Standard	(none)	NTAP101H<u>X</u>2<u>00</u>-Q2A72F8-XX02-500
Option 1	Anti-Glare Coating	NTAP101H <u>X</u> 2 <u>GG</u> -Q2A72F8-XX02-500
Option 2	Antibacterial (AB Film)	NTAP101H <u>X</u> 2 <u>AB</u> -Q2A72F8-XX02-500
Option 3	Anti-Spy (AS Film)	NTAP101H <u>X</u> 2 <u>SF</u> -Q2A72F8-XX02-500

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



Magnetic Attachment

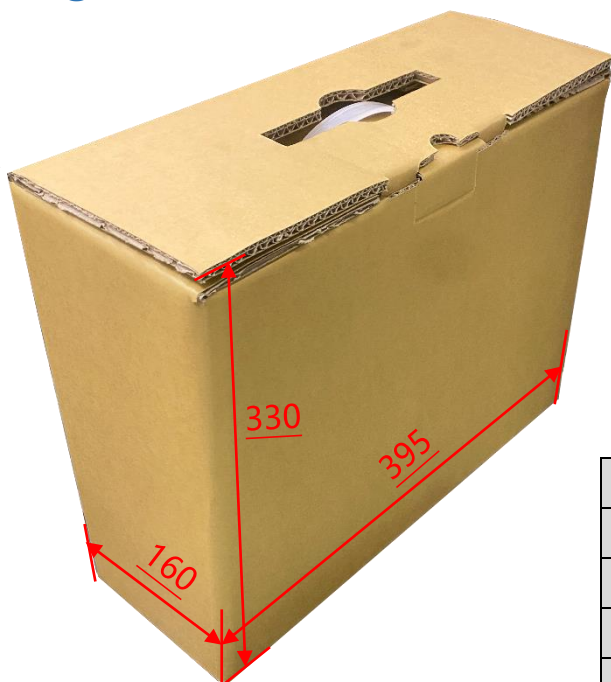
System Options

Material of Cabinet		
	Description	Model Name
Standard	SECC	NTAP101HX2XX-Q2A72F8-<u>S</u>X02-500
Option 1	Stainless Steel	NTAP101HX2XX-Q2A72F8- <u>L</u> X02-500
Option 2	Aluminum	NTAP101HX2XX-Q2A72F8- <u>A</u> X02-500

Color of Cabinet		
	Description	Model Name
Standard	Silver	NTAP101HX2XX-Q2A72F8-<u>X</u><u>S</u>02-500
Option 1	White	NTAP101HX2XX-Q2A72F8- <u>X</u> <u>W</u> 02-500
Option 2	Black	NTAP101HX2XX-Q2A72F8- <u>X</u> <u>B</u> 02-500
Options	Other Color	NTAP101HX2XX-Q2A72F8- <u>X</u> <u>X</u> 02-500

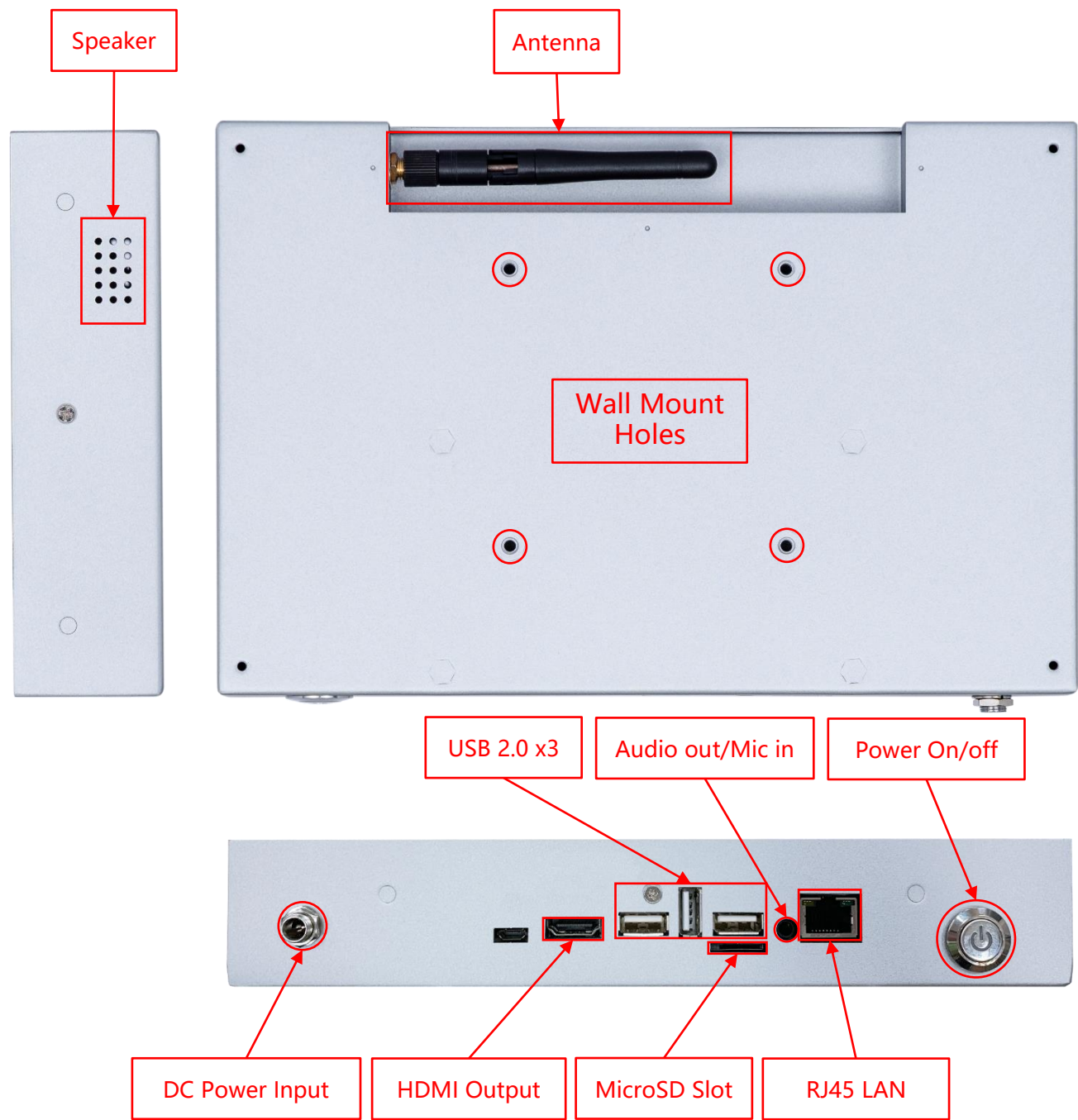
* X = A~Z, 0~9 (Depends on Color)

Packing Information



Unit Carton Size	395x160x330 mm
Unit N. Weight	≤1.4 KG
Unit G. Weight	≤2.5 KG
Units per Pallet	72 units
Pallet Size	120x100x142 CM

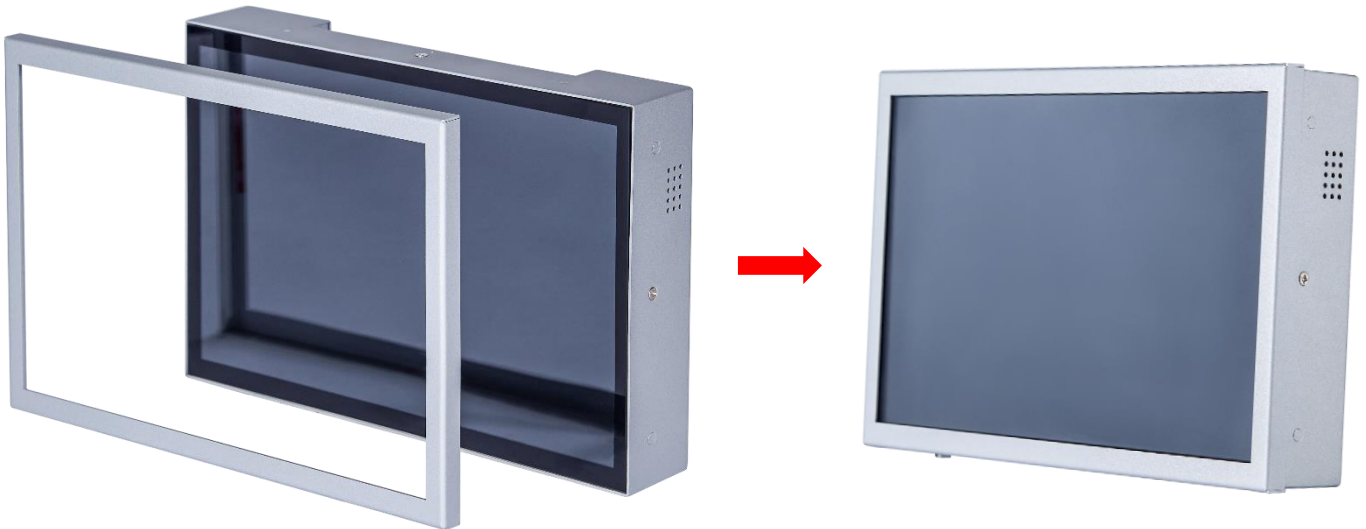
Input /Output System



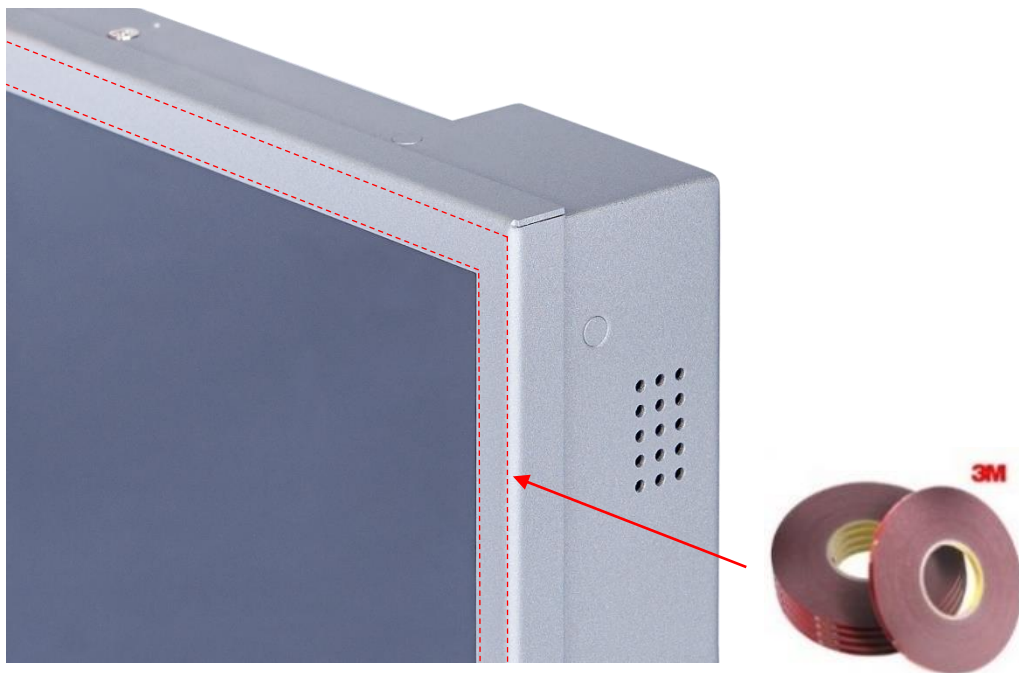
Input / Output	Connectors	Input / Output	Connectors
HDMI (Output)	1	USB 2.0	3
Audio Output /Mic Input (3.5mm)	1	MicroSD Card Slot	1
DC Power Input	1	LAN (RJ45)	1
Speakers	1W x2	Wi-Fi & Antenna	1

Front Cover (Option)

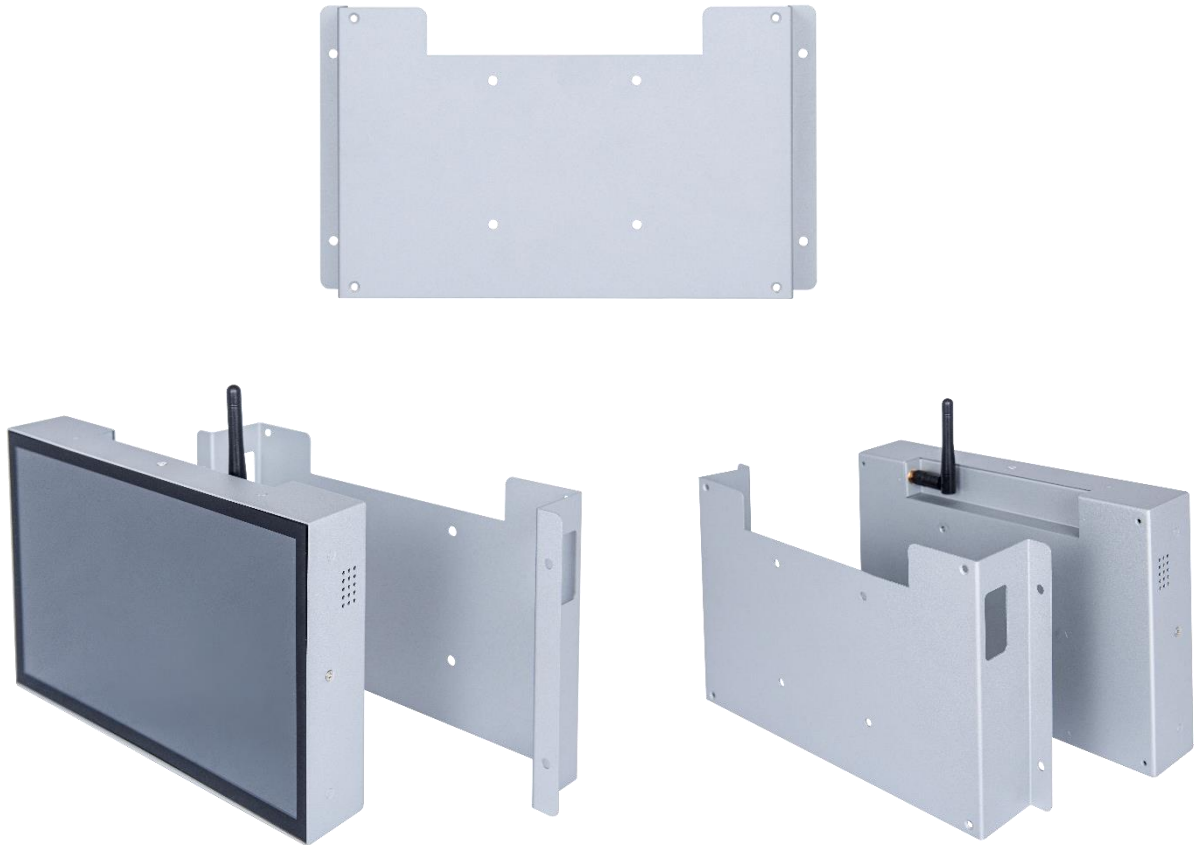
The standard **NTAP101** is true flat surface, with only 1mm metal bezel
To protect the corners of the touch screen, the **Front Cover** can be added.



The watertight gasket can be added between the **Front Cover** and **NTAP101**.
It complies **IP65** on front.



Open-frame Bracket (Option)



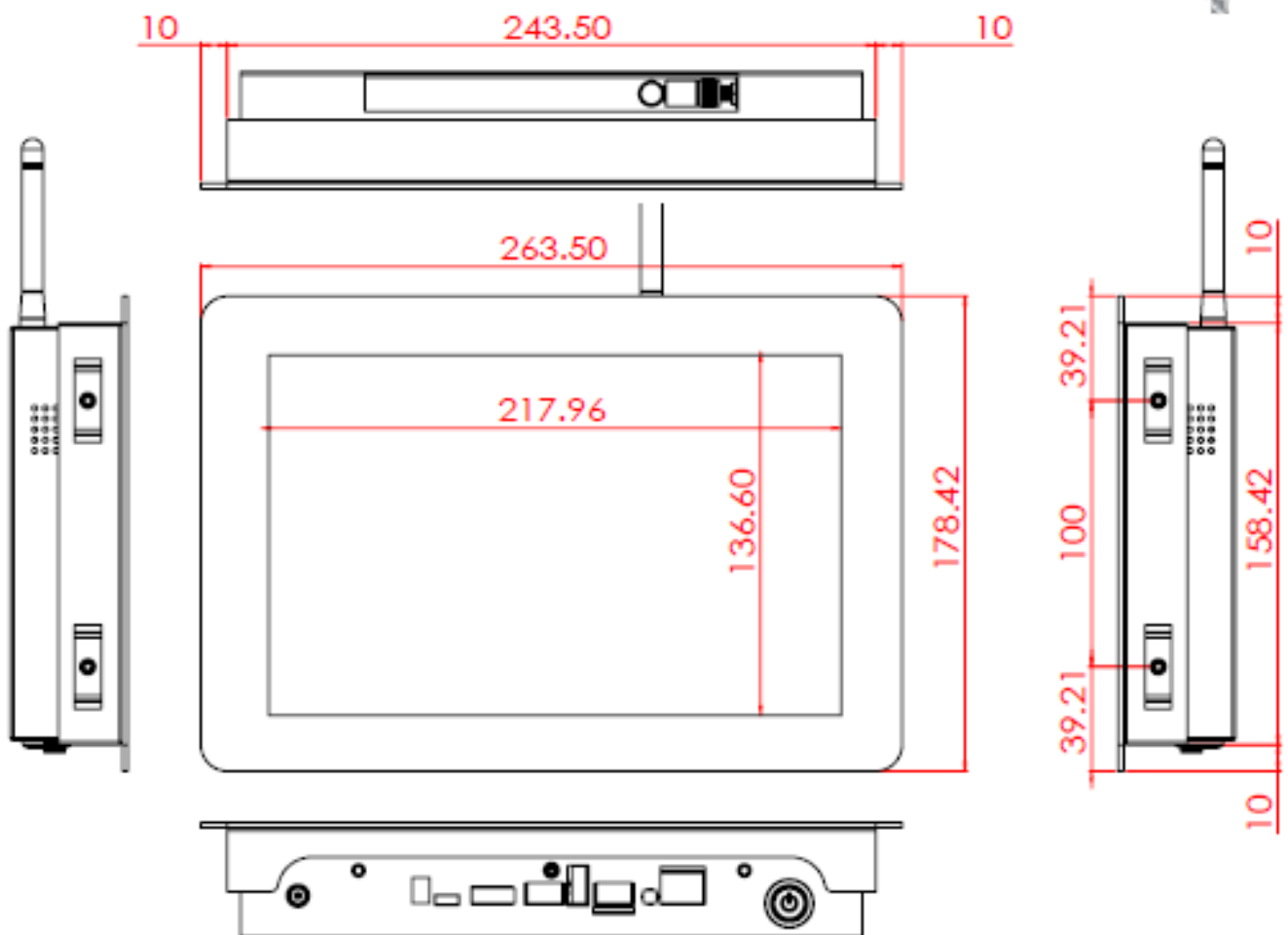
Dimension for Installing with Open-frame Brackets



Panel Mount Kits (Option)

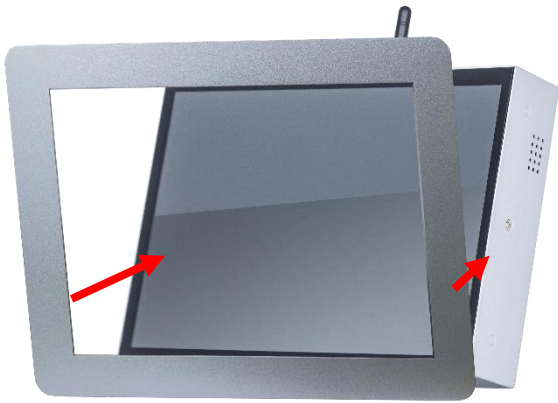


Dimension for Installing with Panel Mount Kits

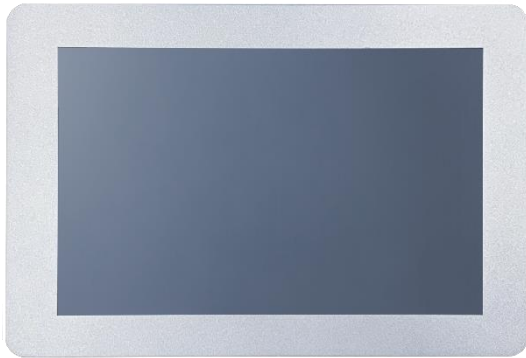
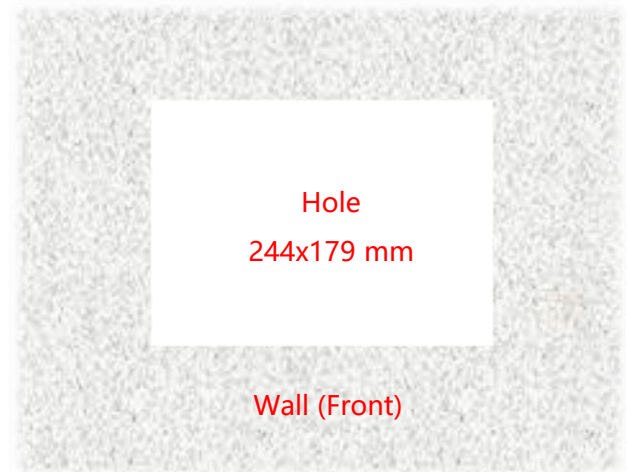


Nextech P Series 10.1" Android All-in-one Industrial Touch PC

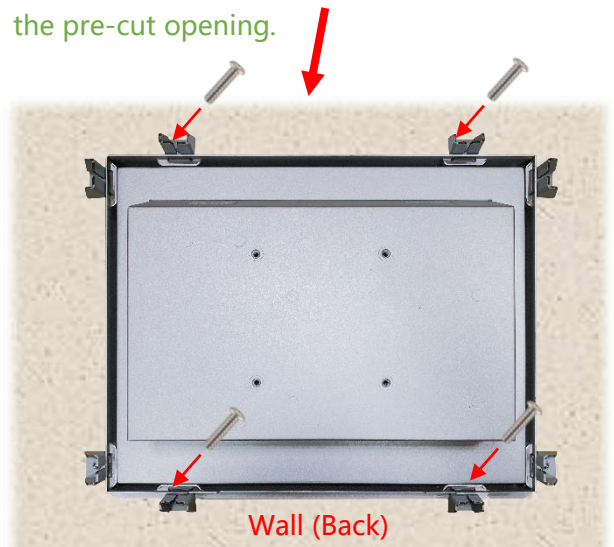
NTAP101-2-Q2 V500



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.



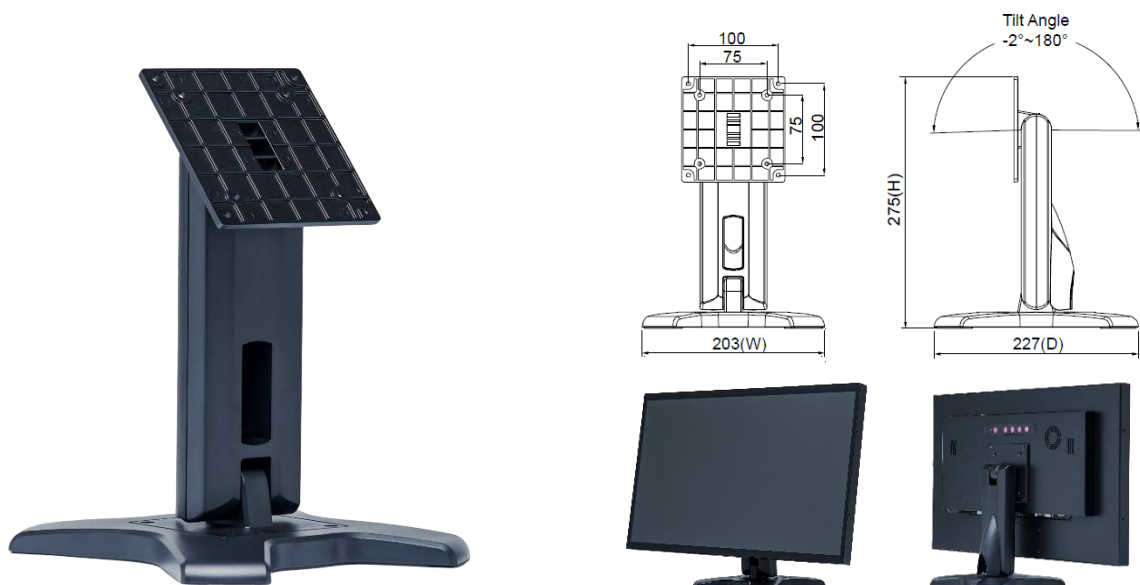
Step 3: Attach the clips from the back and secure with screws. (Up to 4 clips can be installed as needed or per positional limitations.)

Desktop Stand (Option)

Item	L Stand	Part No.	DST-0B004/DST-1B004
Mounting Pattern	100x100 / 75x75 mm	Dimension (WxHxD)	194x194x222 mm
Material	SECC	Net Weight	1.4 KG
Tilt (Hinge)	105°	Support Max. Weight	15 KG



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

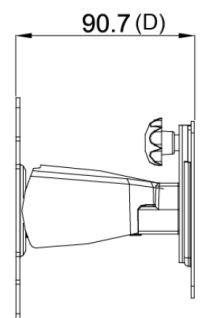
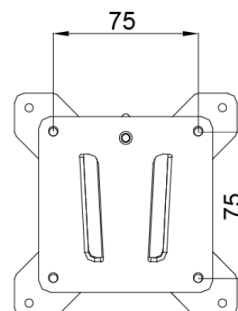
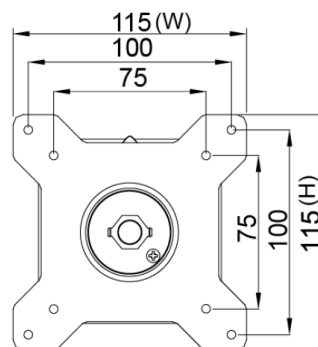
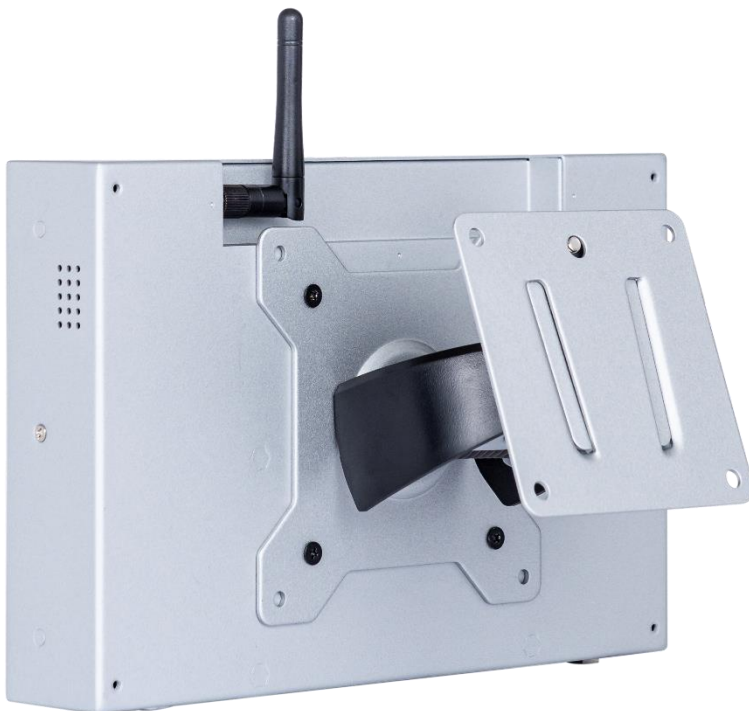


Desktop Stand (Option)

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

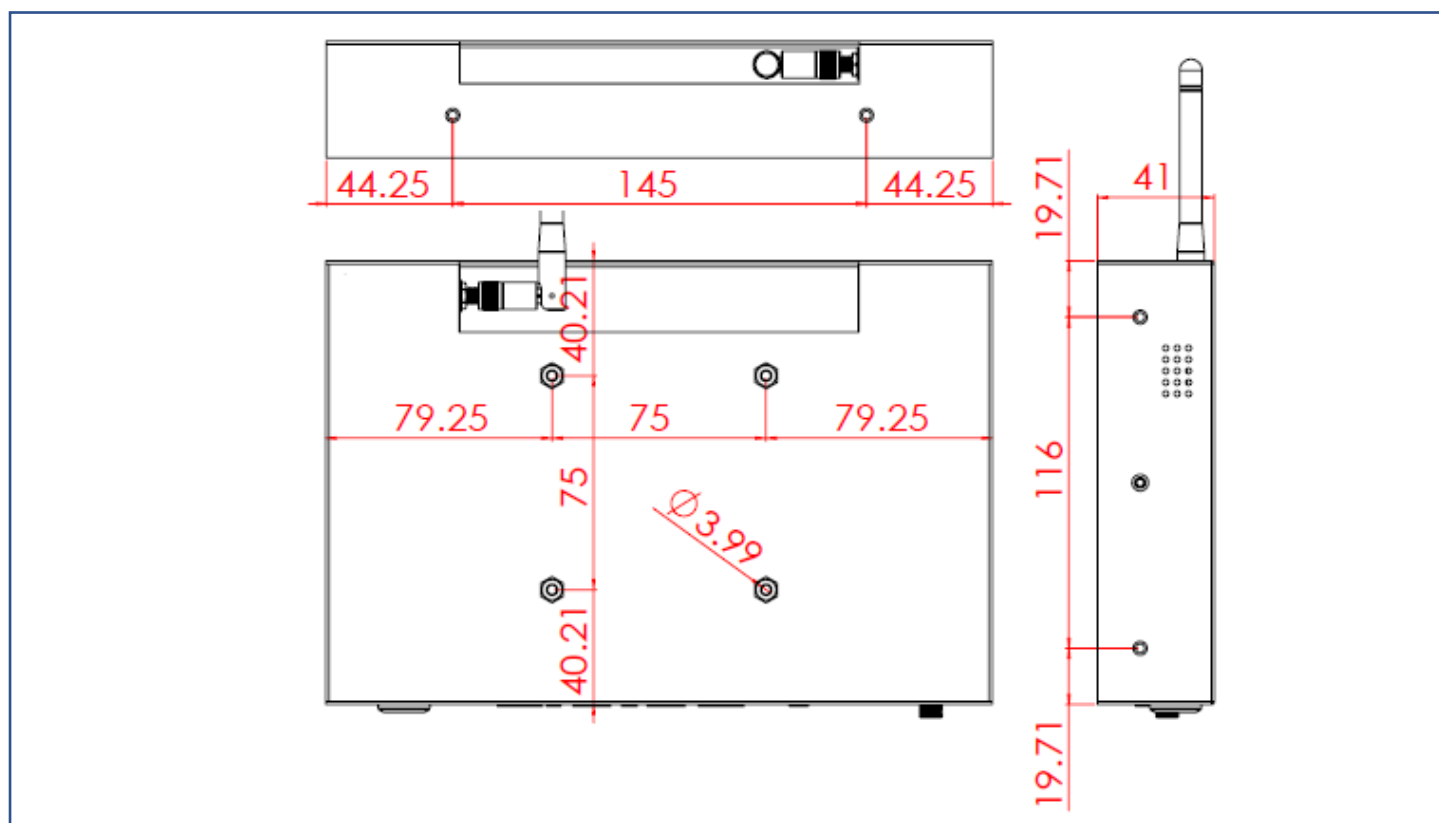
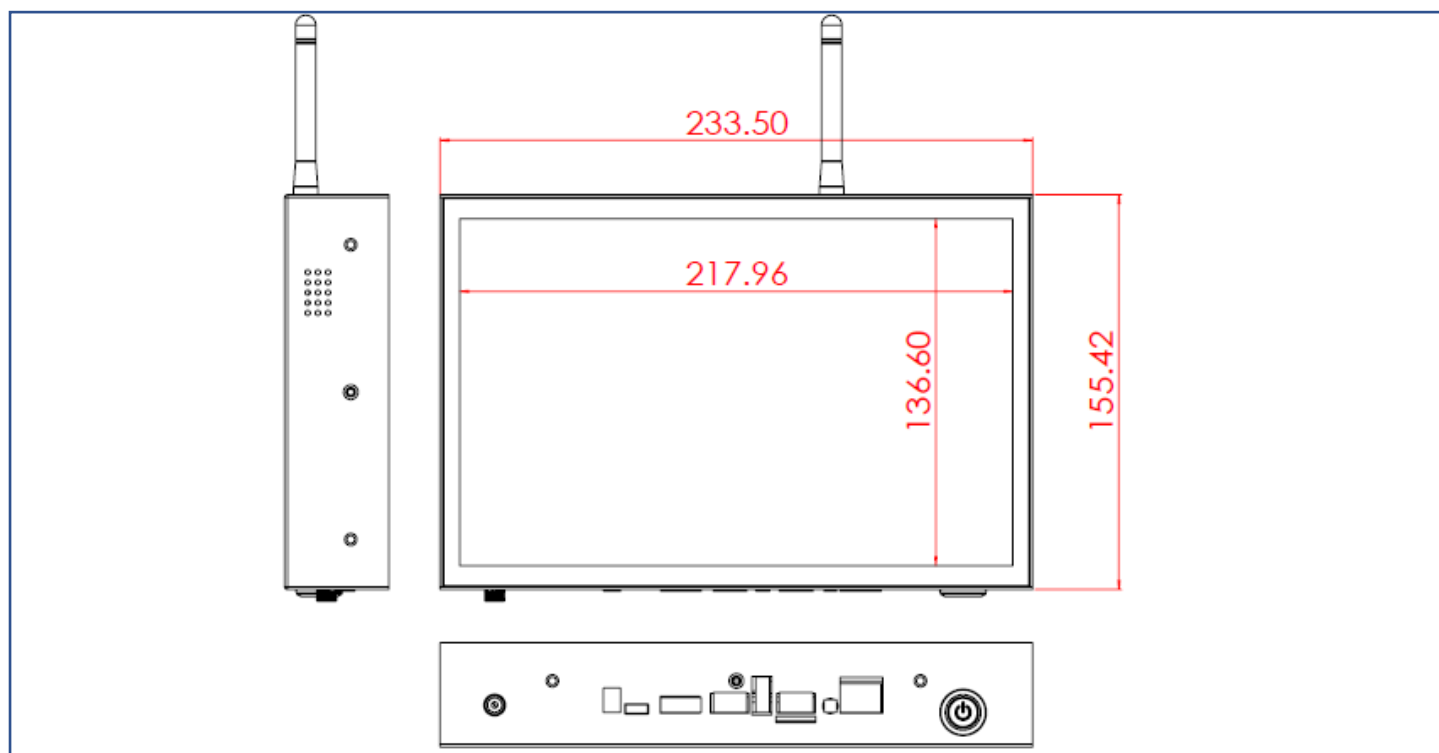


Wall Mount Bracket (Option)



NTAP101-2-Q2 V500

Dimension	233.5x155.4x41(±2)mm (W/O Antenna)	Net Weight	≤1.4 KG
VESA Mounting	75x75 mm	Gross Weight	≤2.5 KG



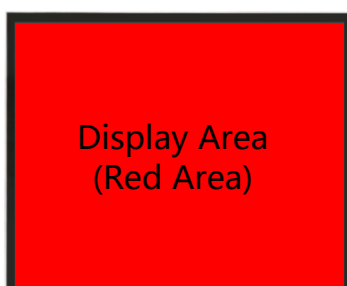
Cosmetic Inspection Standard

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