



# Product Specifications

<b>Customer</b>	
<b>Model Name</b>	<b>NTWP320 V500</b>
<b>Model Number</b>	<b>NTWP320<u>XXXXXX</u>-J6<u>XXXXXX</u>-<u>XX</u>FA-500</b>

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



Records of Revision			
Vision	Modifying	Old Description	New Description
v2005.1	Preliminary Specification		

## Features

- ★ 32 inch , 1920x1080 (FHD) Resolution
- ★ VA Wide Viewing Angle Technology (178°/178°)
- ★ Intel® Skylake/ Kaby Lake CPU
- ★ DDR4 8G RAM (Max. 32G)
- ★ Serial ATAIIIx1, mSATA/mPCIe x1
- ★ 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
- ★ Max High Brightness 2500nits, for Sunlight Readable



PSE



BSMI



FCC



CE



RoHS



ISO9001



## System Specifications

CPU	Intel® Skylake, Kaby Lake Celeron/Core I series CPU
Memory	DDR4 SO-DIMM x2, Max. 32G
Storage	SATA x1, mSATA/mPCIe x1
GPU	Intel® HD Graphics
Sound Chip	Realtek ALC662 Audio CODEC
Network	Intel Gigabit LAN, 2 * RJ45 ports

## Display Specifications

Screen Diagonal	31.5inch	Display Mode	VA Type, Normally Black
Display Area	698.4x392.9 mm	Backlight Unit	LED (white LED)
Resolution	1920x1080 (FHD)	Viewing Angle (L/R, U/D)	178°/178° (CR=10)
Contrast Ratio	4000:1	Backlight Lifetime	>50,000 Hours
Display Ratio	16:9	Operating Temp.	0~50°C
Support Colors	16.7M Colors	Storage Temp.	-20~60°C
Pixel Pitch	0.3637x0.3637 mm	Surface Treatment	Anti-glare, Hardness 3H
Response Time	10 msec.		

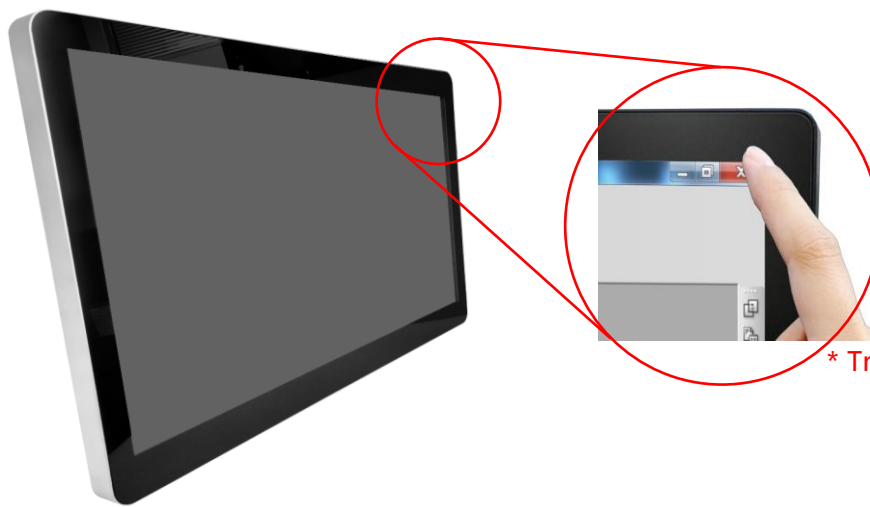
## Display Options

Brightness			
	Brightness	Environment	Model Name
Standard	500nits	General	NTWP320NXSXX-J6XXXXX-XXFA-500
Option 1	1500nits	Outdoor Environment	NTWP320HX4XX-J6XXXXX-XXFA-500
Option 2	2500nits	Sunlight Readable	NTWP320HX3XX-J6XXXXX-XXFA-500

\* Check the data sheet NTWP320HX3, NTWP320HX4

## Touch Options

Projected Capacitive			
Model Name	NTWP320X <u>P</u> XXX-J6XXXXX-XXFA-500		
Touch Technology	Projected Capacitive	Thickness of Cover Lens	2.9±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	NTWP320X <u>0</u> XXX-J6XXXXX-XXFA-500

Surface Treatment Options		
	Description	Model Name
Standard	(none)	NTWP320XXX <u>00</u> -J6XXXXX-XXFA-500
Option	Anti-Glare Coating	NTWP320XXX <u>GG</u> -J6XXXXX-XXFA-500



### System Options

CPU		
	Item	Model Name
<b>Standard</b>	<b>Intel® Core i3-7100U</b>	<b>NTWP320XXXXX-J6<b>31</b>XXX-XXFA-500</b>
Option 1	Intel® Core i5-7300U	NTWP320XXXXX-J6 <b>53</b> XXX-XXFA-500
Option 2	Intel® Core i7-7600U	NTWP320XXXXX-J6 <b>71</b> XXX-XXFA-500
Option 3	Intel® Skylake Celeron 3855U	NTWP320XXXXX-J6 <b>C3</b> XXX-XXFA-500

Memory		
	Item	Model Name
<b>Standard</b>	<b>DDR4 SO-DIMM 8G</b>	<b>NTWP320XXXXX-J6XX<b>8</b>XX-XXFA-500</b>
Option 1	DDR4 SO-DIMM 16G	NTWP320XXXXX-J6XX <b>A</b> XX-XXFA-500
Option 2	DDR4 SO-DIMM 32G	NTWP320XXXXX-J6XX <b>B</b> XX-XXFA-500

Storage		
	Item	Model Name
<b>Standard</b>	<b>SSD 128G</b>	<b>NTWP320XXXXX-J6XXX<b>S1</b>-XXFA-500</b>
Option 1	SSD 256G	NTWP320XXXXX-J6XXX <b>S2</b> -XXFA-500
Option 2	SSD 512G	NTWP320XXXXX-J6XXX <b>H5</b> -XXFA-500
Option 3	SATA HDD 1T	NTWP320XXXXX-J6XXX <b>H1</b> -XXFA-500



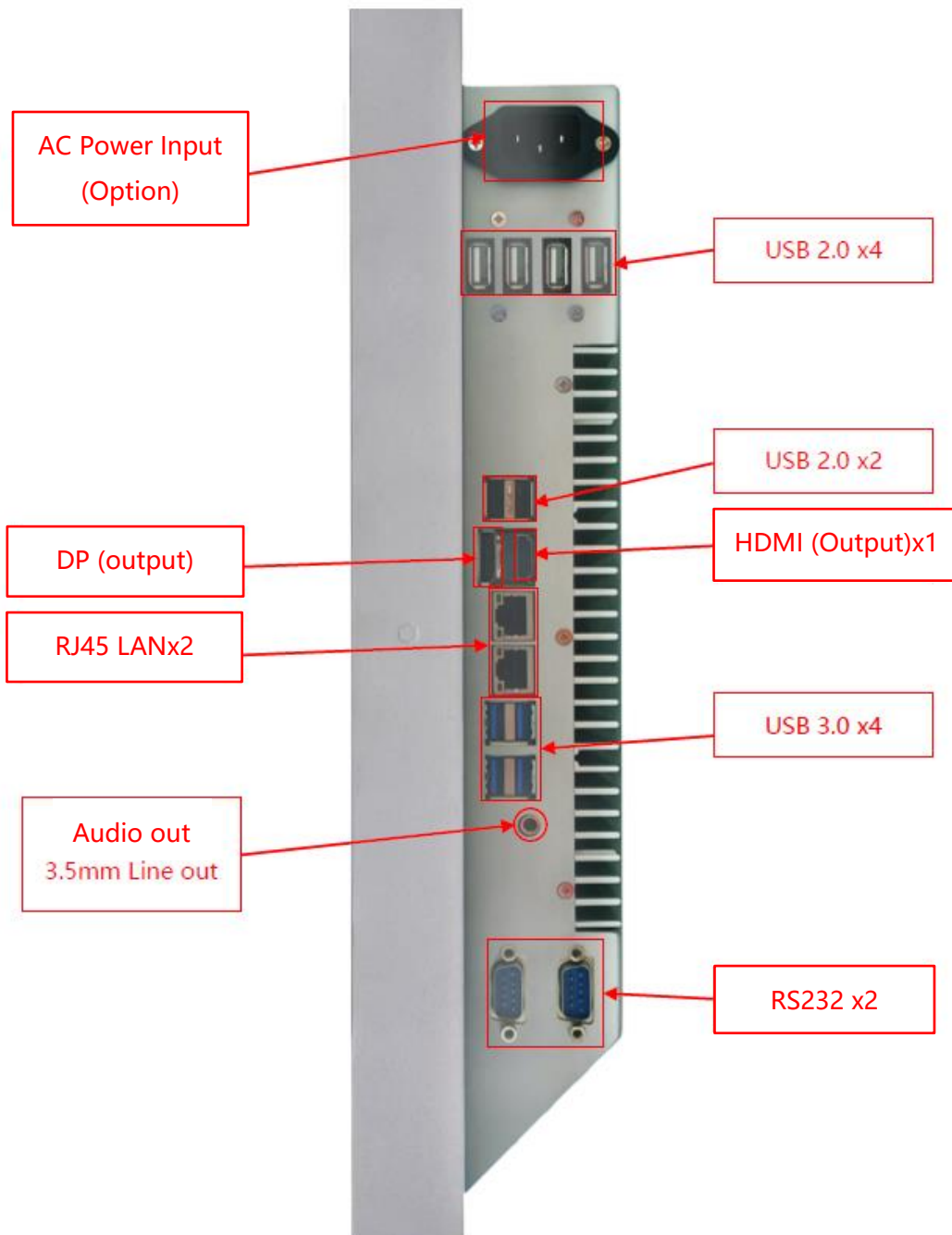
**System Options (Continued)**

Material of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>SECC</b>	<b>NTWP320XXXXX-J6XXXXX-<u>S</u>XFA-500</b>
Option 1	Stainless Steel	NTWP320XXXXX-J6XXXXX- <u>L</u> XFA-500
Option 2	Aluminum	NTWP320XXXXX-J6XXXXX- <u>A</u> XFA-500

Color of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>Silver</b>	<b>NTWP320XXXXX-J6XXXXX-<u>X</u>SFA-500</b>
Option 1	White	NTWP320XXXXX-J6XXXXX- <u>X</u> WFA-500
Option 2	Black	NTWP320XXXXX-J6XXXXX- <u>X</u> BFA-500
Options	Other Color	NTWP320XXXXX-J6XXXXX- <u>XX</u> FA-500

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

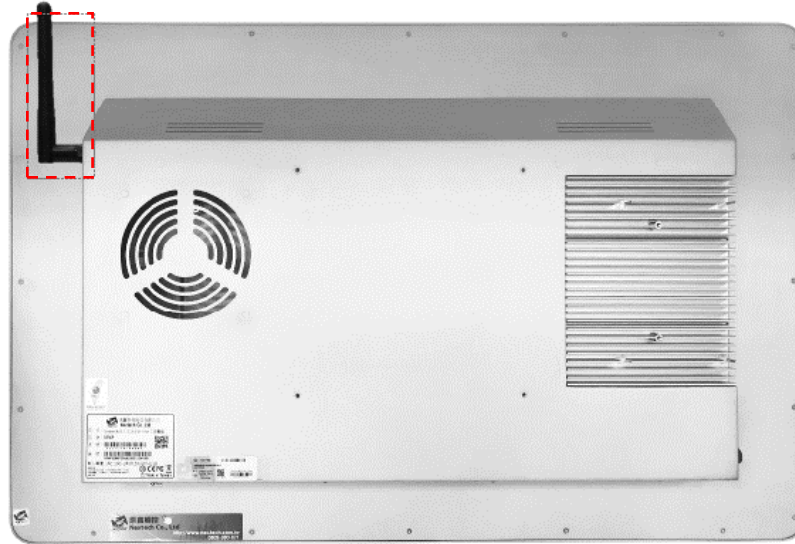
## Input /Output System



Input / Output	Connectors	Input / Output	Connectors
HDMI (Output)	1	USB 3.0	4
DP (Output)	1	USB 2.0	6
Audio Output /Mic Input (3.5mm)	1	RS232	2
AC Power Input	1	LAN (RJ45)	2
Speakers	1W x2	Wi-Fi/Bluetooth & Antenna	Option

## Other Options

Wireless Network (Option)	
Spec	Wi-Fi a/b/g/n/ac, Dual Mode Bluetooth 2.1/2.1+EDR,3.0,3.0+HS,4.0 (BLE) (Wi-Fi+BT4.0)



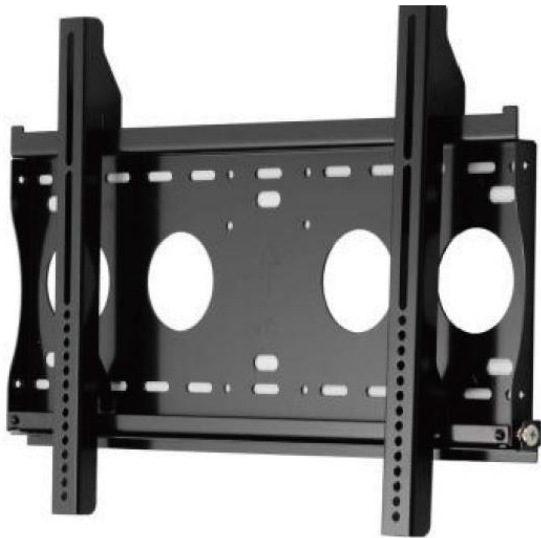
## Active Stylus (Option)

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

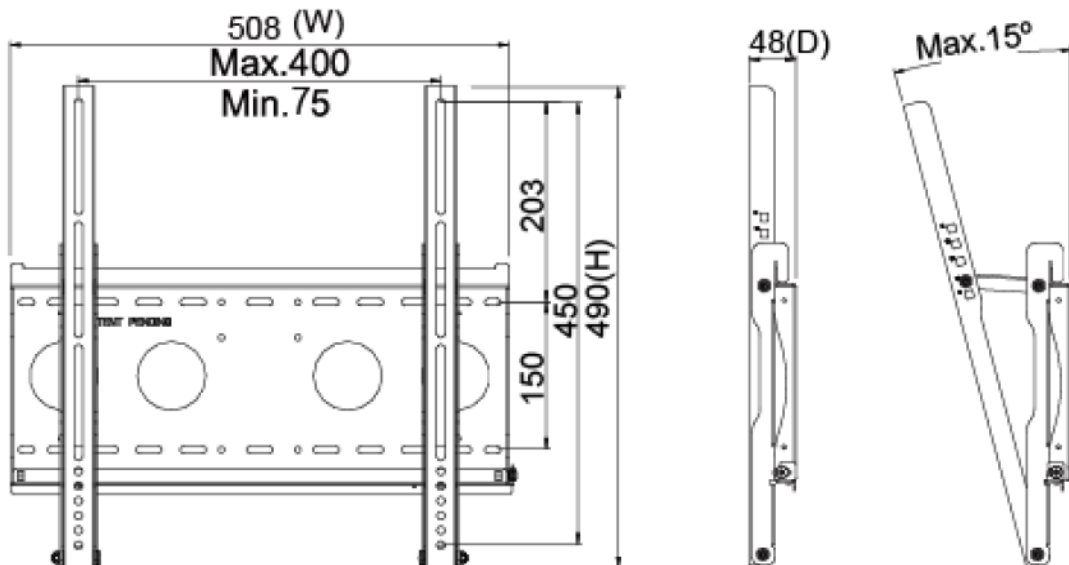




## Wall Mount Bracket (Option)



Part No.	WMB-B001		
Mounting Pattern	Max. 400x450 mm	Mounting Pattern	Max. 400x450 mm
Material	SECC	Material	SECC
Tilt (Hinge)	0°/5°/10°/13°/15°	Tilt (Hinge)	0°/5°/10°/13°/15°
Screw Type	M4/M5/M6/M8	Screw Type	M4/M5/M6/M8



**KIOSK SET (Option)**



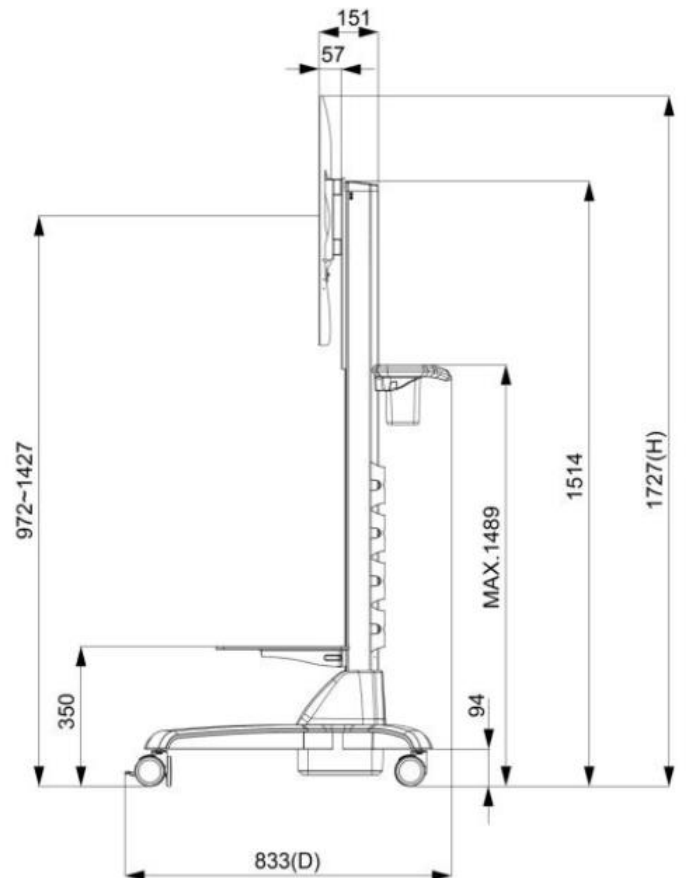
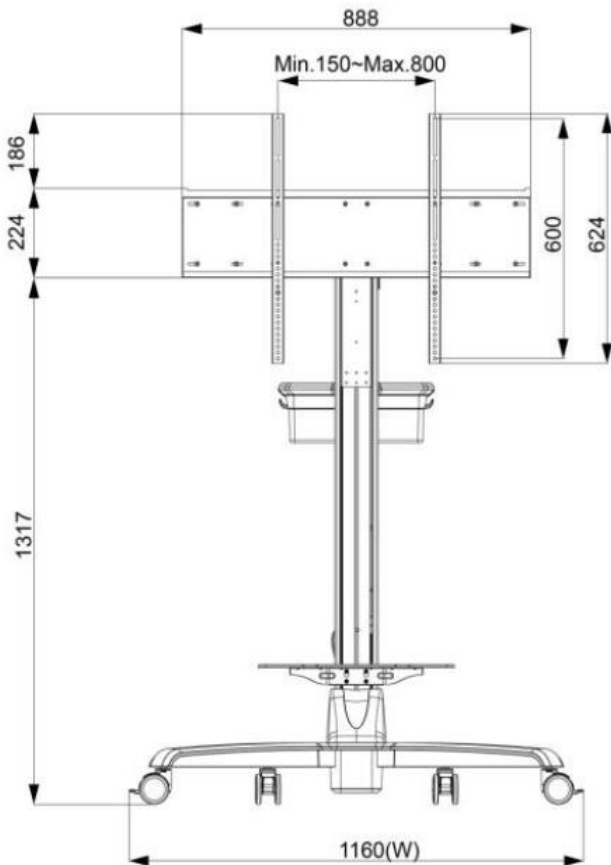
Material	SECC
Caster	4 (front 2 braking)
Ingress Protection	Front IP65
Power Socket	None (Wire Hole Reserved)



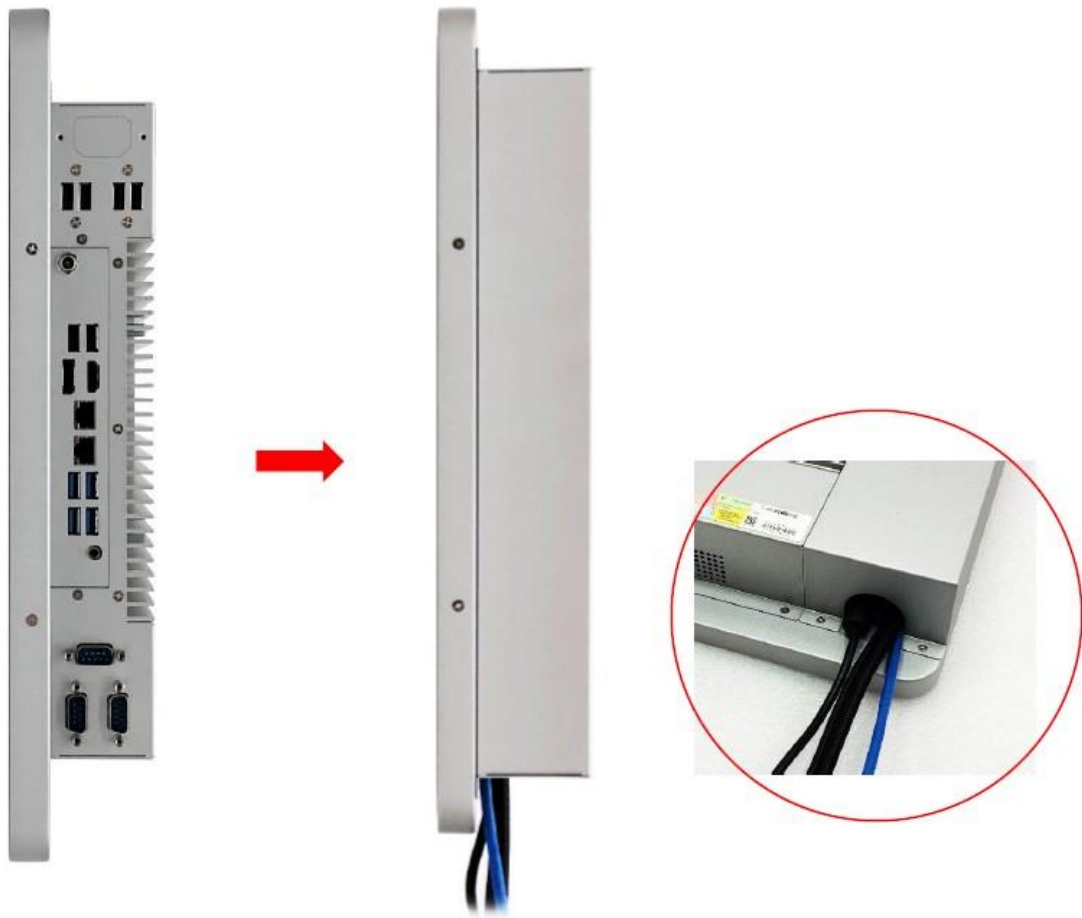
**Cart (Option)**



Net Weight	32.5 KG
Packaged Dimension	W1545xD383xH392 mm
Screw Type	M4/M5/M6/M8
Material	Aluminum/Plastic/Steel
Max. Mount Pattern	800x600mm
Max. Weight Load	30 KG
Caster	4 (front 2 braking)
Height Adjust Range	500 mm
RoHS/REACH Compliance	Yes



### Connector Protective Cover (Option)



## Packing Information



Dimensions of Carton	<b>105x68x24 CM</b>
Net Weight	<b>≤21.0 KG</b>
Gross Weight	<b>≤25.4 KG</b>

## Physical Specifications

Dimension	759x493x82(±2)mm (w/o Antenna)	Net Weight	≤21.0 KG
VESA Mounting	200x200 mm	Gross Weight	≤25.4 KG

