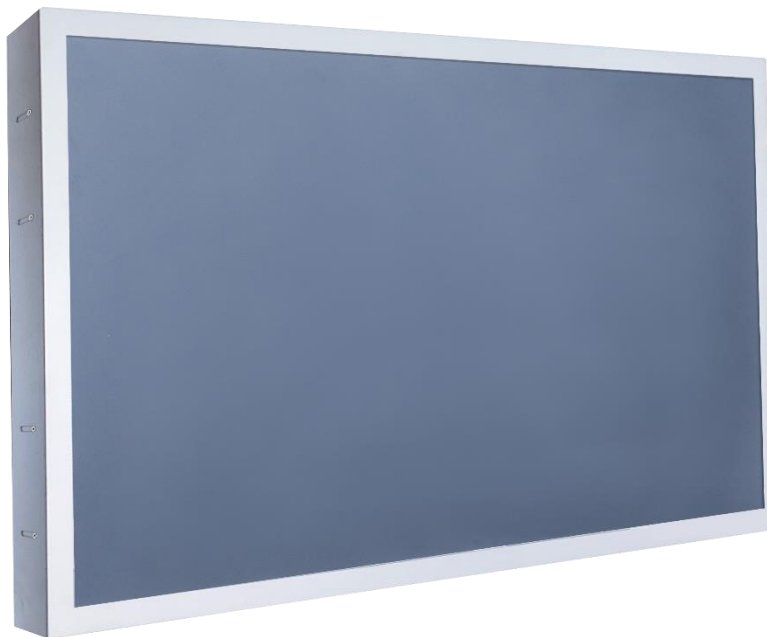


# Product Specifications

<b>Customer</b>	
<b>Model Name</b>	<b>NTWI430-1 V510D</b>
<b>Model Number</b>	NTWI430 <u>XXXXXX</u> -GI <u>XXXXXX</u> - <u>XXX</u> A-510D

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



Records of Revision			
Vision	Modifying	Old Description	New Description
v2211.1	Preliminary Specification		
<b>v2211.2</b>	<b>New trademark released</b>		

# Nextech WI Series 43" Industrial All-in-one Touch PC

**NTWI430-1 V510D**

## Features

- ★ 43 inch Industrial Grade Panel, 1920x1080 (FHD) Resolution
- ★ VA Wide Viewing Angel 178°/178°
- ★ Intel® 10th Generation CPU
- ★ DDR4 8G RAM (Max. 64G)
- ★ Optional I.R. Touch
- ★ 10 points Multi-touch, 7H Hardness Tempered Cover Glass
- ★ Metal Cabinet with Diverse Combine Options
- ★ Made in Taiwan, 3 Years Warranty
- ★ Optional High Brightness 1500nits, for Outdoor Environment



PSE



BSMI



RoHS



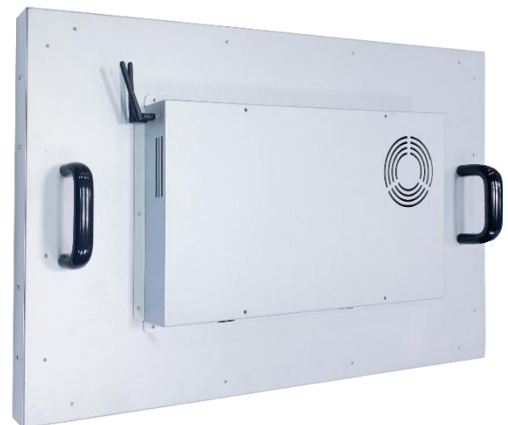
CE



ISO9001



FCC



Wall Mounting



Cart



KIOSK Cabinet

## System Specifications

CPU	Intel® 10 <sup>th</sup> Gen. Core™ i9/i7/i5/i3, Pentium® & Celeron® CPU
Memory	DDR4 SO-DIMM x2, Max. 64G
GPU	Intel® HD Graphics
Sound Chip	Realtek Audio Codec
Network	Intel Gigabit LAN, 2 * RJ45 ports

## Display Specifications

Screen Diagonal	42.5 inch.	Display Mode	VA Type, Normally Black
Display Area	940.9x529.25 mm	Backlight Unit	LED (white LED)
Resolution	1920x1080 (FHD)	Viewing Angle (L/R, U/D)	178°/178° (CR=10)
Contrast Ratio	4000:1	Response Time	16 msec.
Display Ratio	16:9	Backlight Lifetime	>50,000 Hours
Support Colors	16.7M Colors	Operating Temp.	0~50°C
Pixel Pitch	0.49x0.49 mm	Storage Temp.	-20~60°C

## Display Options

Brightness			
	Brightness	Environment	Model Name
Standard	500nits	General	NTWI430NXSXX-GIXXXXX-XXXXA-510D
Option 1	1500nits	Outdoor Environment	NTWI430HX2XX-GIXXXXX-XXXXA-510D

\* Check the data sheet NTWI430-2 V510D

## Nextech WI Series 43" Industrial All-in-one Touch PC

**NTWI430-1 V510D**

### Touch Options

I.R. Touch			
Model Name	NTWI430X <b>I</b> XXX-G <b>I</b> XXXXX- <b>X</b> XXA-510D		
Touch Technology	I.R. Touch	Transparency	≥92%
Allowed Touch Points	10 points	Accuracy	99.00%
Interface	USB	Thickness of Cover Lens	4.0±0.2mm
IK Ratings	IK07	Hardness of Cover Lens	7H

Non-Touch	
Model Name	NTWI430X <b>0</b> XXX-G <b>I</b> XXXXX- <b>X</b> XXA-510D

Surface Treatment		
	Description	Model Name
<b>Standard</b>	<b>(none)</b>	<b>NTWI430XXX<b>00</b>-G<b>I</b>XXXXX-<b>X</b>XXA-510D</b>
Option	Anti-Glare Coating	NTWI430XXX <b>GG</b> -G <b>I</b> XXXXX- <b>X</b> XXA-510D

## Nextech WI Series 43" Industrial All-in-one Touch PC

**NTWI430-1 V510D**

### System Options

CPU		
	Item	Model Name
<b>Standard</b>	<b>Intel® Core i3-10100</b>	<b>NTWP430XXXXX-GI<b>31</b>XXX-XXXXA-510D</b>
Option 1	Intel® Core i5-10400	NTWP430XXXXX-GI <b>51</b> XXX-XXXXA-510D
Option 2	Intel® Core i7-10700U	NTWP430XXXXX-GI <b>71</b> XXX-XXXXA-510D
Option 3	Intel® Pentium G6405	NTWP430XXXXX-GI <b>P1</b> XXX-XXXXA-510D
Option 4	Intel® Celeron G5905U	NTWP430XXXXX-GI <b>C1</b> XXX-XXXXA-510D

Memory		
	Item	Model Name
<b>Standard</b>	<b>DDR4 SO-DIMM 8G</b>	<b>NTWI430XXXXX-GIXX<b>8</b>XX-XXXXA-510D</b>
Option 1	DDR4 SO-DIMM 16G	NTWI430XXXXX-GIXX <b>A</b> XX-XXXXA-510D
Option 2	DDR4 SO-DIMM 32G	NTWI430XXXXX-GIXX <b>B</b> XX-XXXXA-510D
Option 3	DDR4 SO-DIMM 64G	NTWI430XXXXX-GIXX <b>C</b> XX-XXXXA-510D

Storage		
	Item	Model Name
<b>Standard</b>	<b>SSD 128G</b>	<b>NTWI430XXXXX-GIXXX<b>S1</b>-XXXXA-510D</b>
Option 1	SSD 256G	NTWI430XXXXX-GIXXX <b>S2</b> -XXXXA-510D
Option 2	SSD 512G	NTWI430XXXXX-GIXXX <b>S3</b> -XXXXA-510D
Option 3	SATA HDD 1T	NTWI430XXXXX-GIXXX <b>H1</b> -XXXXA-510D
Option 4	SSD 128G + SATA HDD 1T	NTWI430XXXXX-GIXXX <b>SH</b> -XXXXA-510D

**System Options (Continued)**

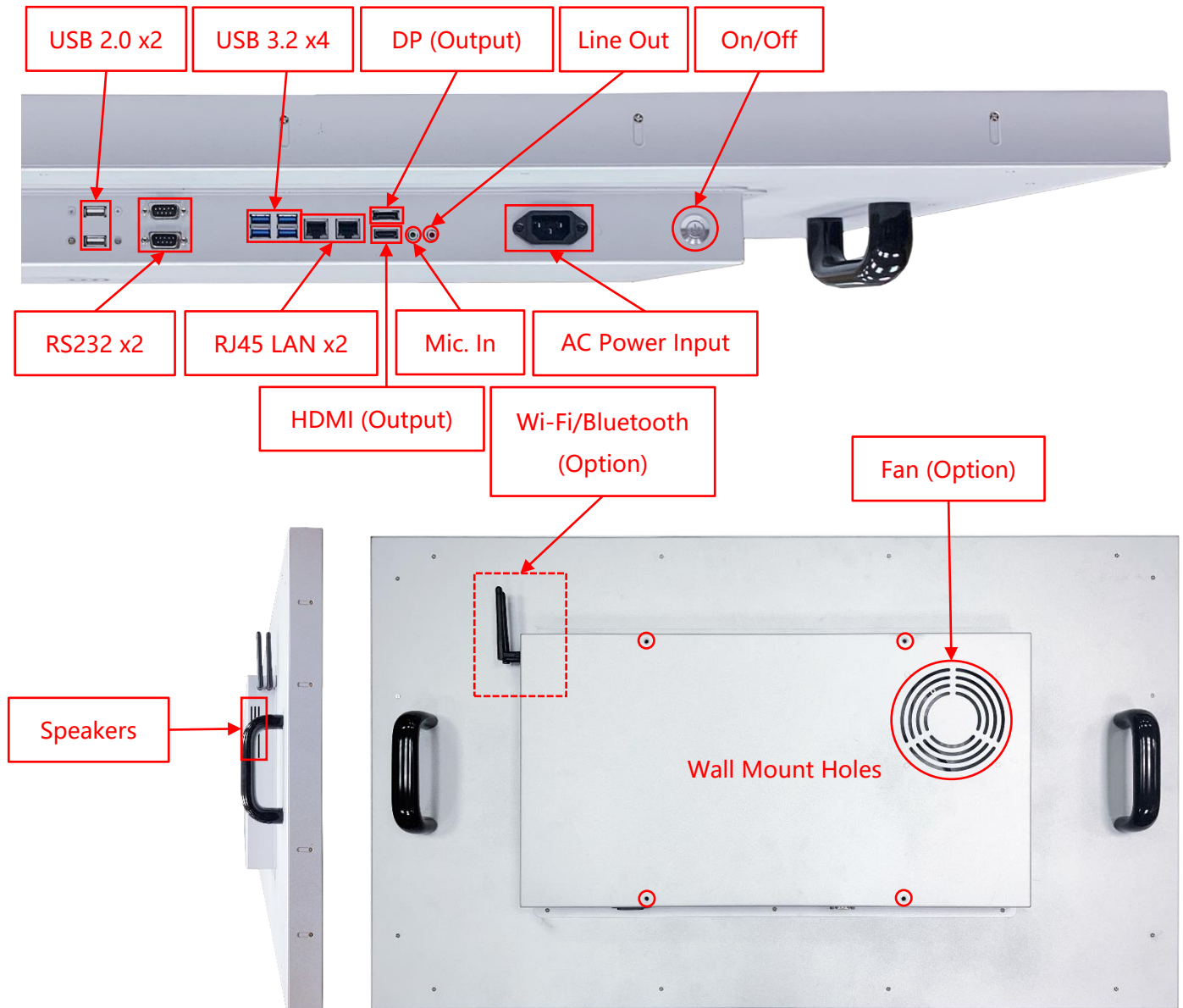
Material of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>SECC</b>	<b>NTWI430XXXXX-GIXXXXXX-<u>S</u>XXA-510D</b>
Option 1	Stainless Steel	NTWI430XXXXX-GIXXXXXX- <u>L</u> XXA-510D
Option 2	Aluminum	NTWI430XXXXX-GIXXXXXX- <u>A</u> XXA-510D

Color of Cabinet		
	Description	Model Name
<b>Standard</b>	<b>Silver</b>	<b>NTWI430XXXXX-GIXXXXXX-<u>X</u>SXA-510D</b>
Option 1	White	NTWI430XXXXX-GIXXXXXX- <u>X</u> WXA-510D
Option 2	Black	NTWI430XXXXX-GIXXXXXX- <u>X</u> BXA-510D
Options	Other Colors	NTWI430XXXXX-GIXXXXXX- <u>X</u> XXA-510D

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

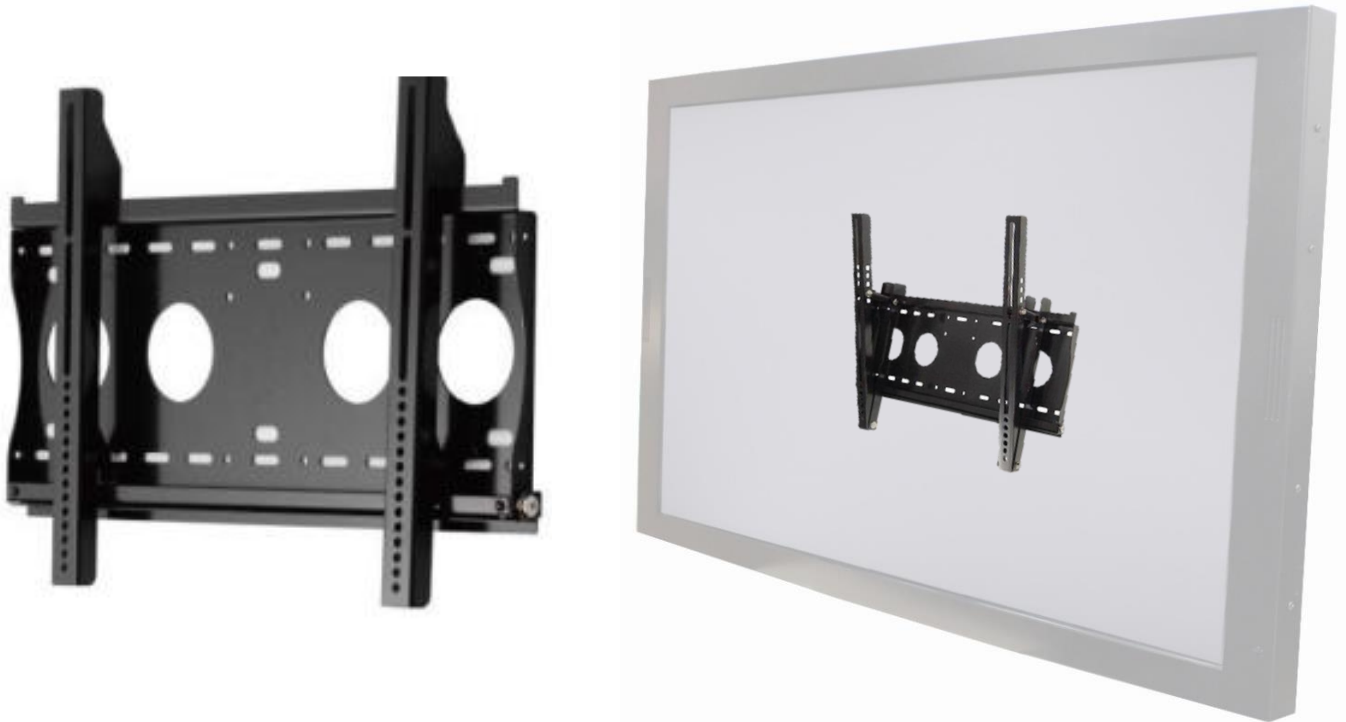
Cooling Fan		
	Description	Model Name
<b>Standard</b>	<b>Fanless</b>	<b>NTWI430XXXXX-GIXXXXXX-<u>XX</u>0A-510D</b>
Option	7 Blades/12V/1200r.p.m/25dB	NTWI430XXXXX-GIXXXXXX- <u>XX</u> FA-510D

## Input /Output System

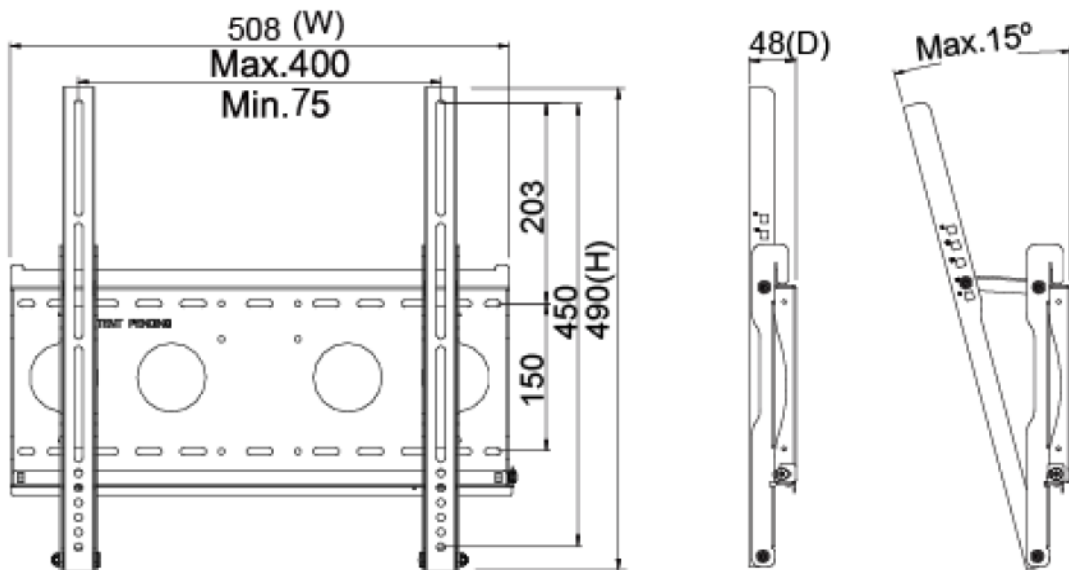


Input / Output	Connectors	Input / Output	Connectors
HDMI (Output)	1	Audio Out (3.5mm)	1
DP (Output)	1	Mic. In (3.5mm)	1
USB 3.2 Gen1	4	Speakers	10W x2
USB 2.0	2	AC Power Input	1
RS232	2	Wi-Fi/Bluetooth & Antenna	Option
LAN (RJ45)	2		

**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°	Tile (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)



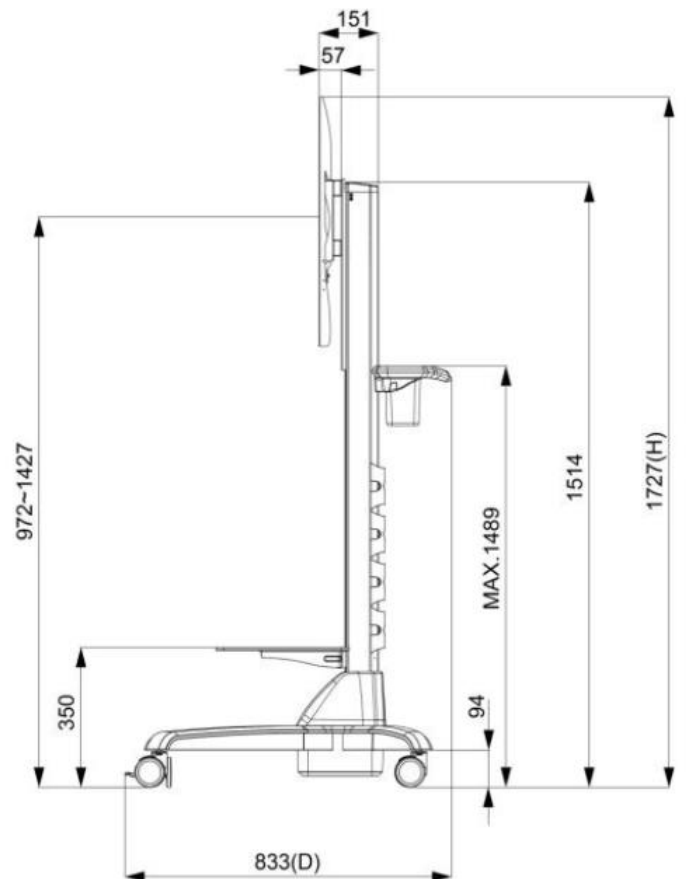
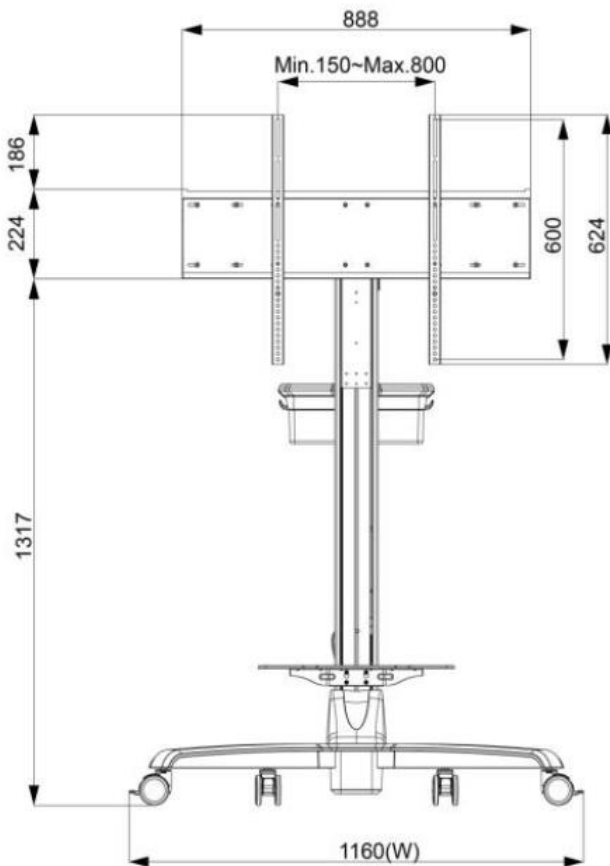
# Nextech WI Series 43" Industrial All-in-one Touch PC

**NTWI430-1 V510D**

## 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



## Packing Information



Dimensions of Carton	<b>1128x240x780 mm</b>
Net Weight	<b>≤20.9 KG</b>
Gross Weight	<b>≤25.1 KG</b>

## Physical Specifications

Dimension	997x585x102.5(±2)mm (w/o Antenna)	Net Weight	≤20.9 KG
VESA Mounting	300x300 mm	Gross Weight	≤25.1 KG

