

Product Specifications

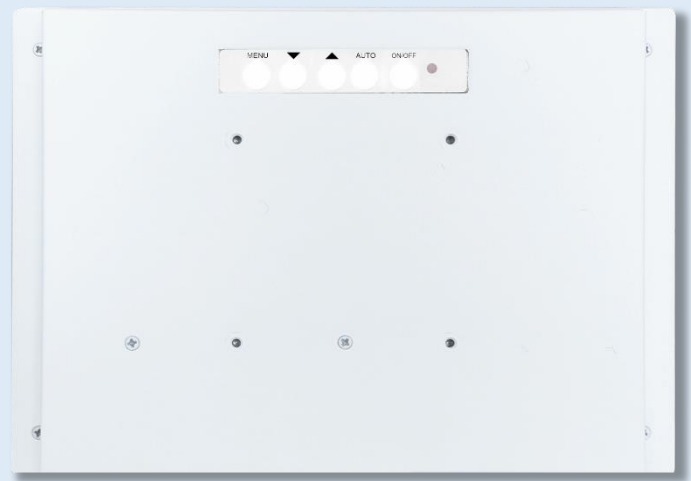
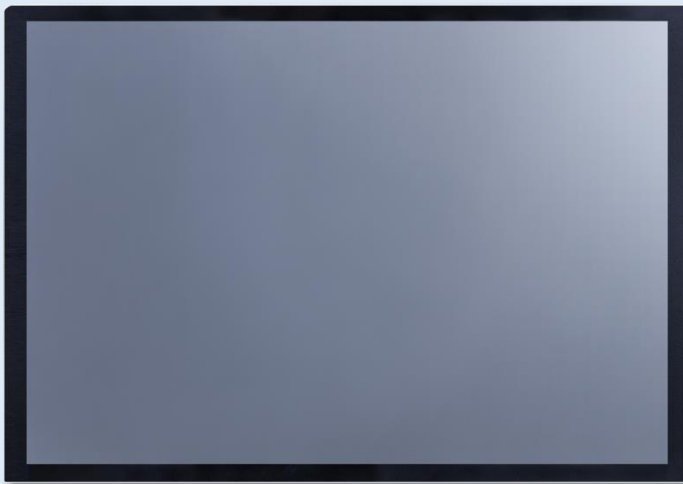
Customer	
Model	NTMD104 V600



Revision History			
Version	Revision Item	Previous Description	Updated Description
v2608.1	Initial release		

Key Features

- ★ Certified to CE/FCC/UL 60601 medical standards
- ★ 10.4" Panel, 1024x768 Resolution
- ★ Wide viewing angle 176°/176°
- ★ Operating Temperature Range -30-85°C
- ★ Narrow-bezel true-flat PCAP touch screen
- ★ Anti-glare UV-resistant tempered glass (7H hardness)
- ★ 10-point multi-touch , supports Nextech stylus
- ★ Aluminum housing with multiple mounting options
- ★ Made in Taiwan, 3 Years Warranty, Designed for Harsh Environments
- ★ Optional remote control via RS-232 or DDC/CI
- ★ Optional high brightness up to 1500nits for outdoor applications
- ★ Optional Ambient light sensor with automatic brightness adjustment
- ★ Optional Privacy filter or antimicrobial surface treatment



UL 60601



PSE



BSMI



CE 60601



FCC Part18



Display Specifications

Model Name	NTMD104XXSD2-XXXXX0-600*	Display Mode	Normally Black
Screen Diagonal	10.4 inch	Response Time	25 msec.
Active Area	210.4x157.8 mm	Backlight	White LED
Resolution	1024x768 (XGA)	Viewing Angle (L/R, U/D)	176°/176° (CR _≥ 10)
Contrast Ratio	1000:1	Backlight Lifetime	>50,000 Hours
Aspect Ratio	4:3	Operating Temp.	-30~85°C
Colors	16.2M	Storage Temp.	-30~85°C
Pixel Pitch	0.0685x0.2055 mm		

* X = A-Z, 0-9 (Varies by options)

Brightness Options

Configuration	Brightness	Application	Ordering Information
Standard	500nits	General (Indoor)	NTMD104NXSD2-XXXXX0-600
Optional	1000nits	Outdoor / Semi-outdoor	NTMD104HX3D2-XXXXX0-600 *
Optional	1500nits	Outdoor	NTMD104FXSD2-XXXXX0-600

* Refer to datasheets: NTMD104-3 V600

Touch Options

Configuration	Specification	Ordering Information
Standard	Projected Capacitive Touch	NTMD104XPSD2-XXXXU0-600
Optional	No touch	NTMD104X0SD2-XXXX00-600

PCAP Touch Specifications

Touch Points	10 points	Cover Lens Thickness	2.0±0.2mm
Transparency	≥87%	Cover Lens Hardness	7H
Accuracy	99.00%	IK Ratings	IK07

Other Configuration Options

Surface Treatment		
Configuration	Specification	Ordering Information
Standard	Anti-Glare, Anti-UV Coating	NTMD104XXSD2-<u>GG</u>XXX0-600
Optional	Antibacterial (AB Film)	NTMD104XXSD2- <u>AB</u> XXX0-600
Optional	Privacy filter (AS Film)	NTMD104XXSD2- <u>SF</u> XXX0-600

Housing Material		
Configuration	Specification	Ordering Information
Standard	Aluminum	NTMD104XXSD2-XX<u>A</u>XX0-600
Optional	Stainless Steel	NTMD104XXSD2-XX <u>L</u> XX0-600
Optional	SECC	NTMD104XXSD2-XX <u>S</u> XX0-600

Housing Color		
Configuration	Specification	Ordering Information
Standard	White	NTMD104XXSD2-XXX<u>W</u>X0-600
Optional	Black	NTMD104XXSD2-XXX <u>B</u> X0-600
Optional	Silver	NTMD104XXSD2-XXX <u>S</u> X0-600
Optional	Custom Color	NTMD104XXSD2-XXX <u>X</u> X0-600 *

* X = A~Z, 0~9 (Varies by Color)

Touch Interface		
Configuration	Specification	Ordering Information
Standard	USB	NTMD104XPSD2-XXXX<u>U</u>0-600
Optional	No touch	NTMD104X0SD2-XXXX <u>0</u> 0-600

Supported OS

Windows	Win7, Win8, Win10, Win11 ↑
Linux	Kernel 2.6.24 ↑
Android	3.0 ↑
Mac	10.5.x ↑ (Intel CPU)

Included Cables and Power Accessories

Item	Specification	Quantity
HDMI Cable	Male-to-male, 1.8 meter	1
AC-DC Adapter	12V medical adapter, CE/FCC/CCC/UL/RoHS/PSE/JET certified	1
Power Cord	* (varies by region)	1
USB Cable	Type A, Male-to-male, 1.8 Meter *(touch models only)	1

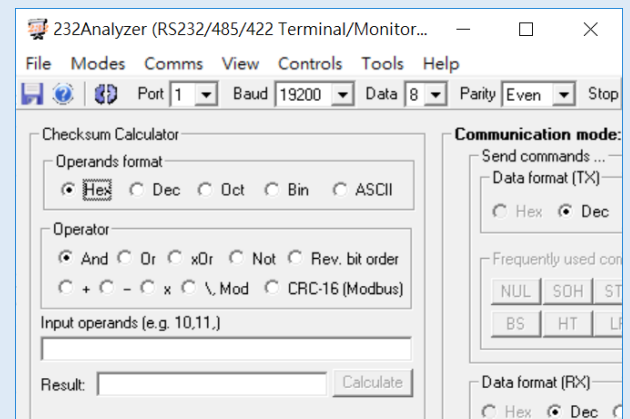
Optional Features & Accessories

Option	Item	Description
Optional	Remote software control	Remote software control via RS232 interface
Optional	Ambient light sensor	Automatic brightness control
Optional	Stylus pen	

Light sensor (Optional)



Remote Software (Optional)



Nextech Stylus (Optional)

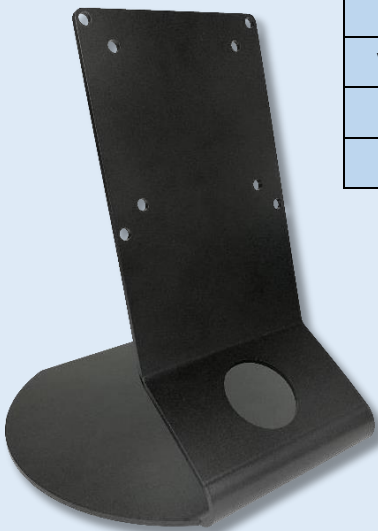
Tip	Passive conductive metal mesh
Tip Diameter	6mm



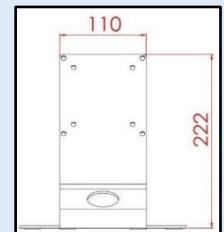
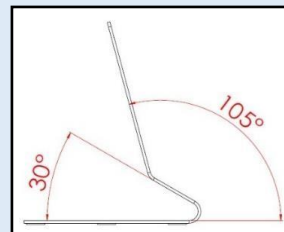
Optional Mounting Accessories

	Accessories	Description
Optional	Desktop stand	For desktop use
Optional	Front protection frame	Protects panel and enables Front IP65 protection
Optional	Panel mount kit	For front mounting into kiosks, cabinets, or equipment panels.
Optional	Open-frame brackets	For rear mounting installation inside kiosks, cabinets, or equipment panels.
Optional	Wall Mount Bracket	For wall mounting

Desktop Stand Type L (Optional)



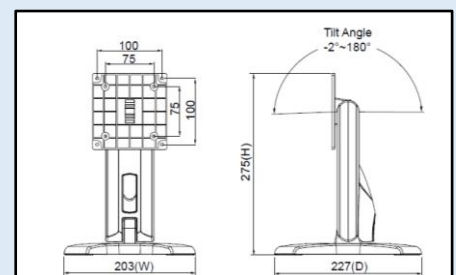
Item	L Stand	Model	DST-0B004/DST-1B004
VESA Mount	100x100 / 75x75 mm	Dimensions	194x194x222 mm
Material	SECC	Net Weight	1.4 kg
Tilt Angle	105°	Load Capacity	15 kg



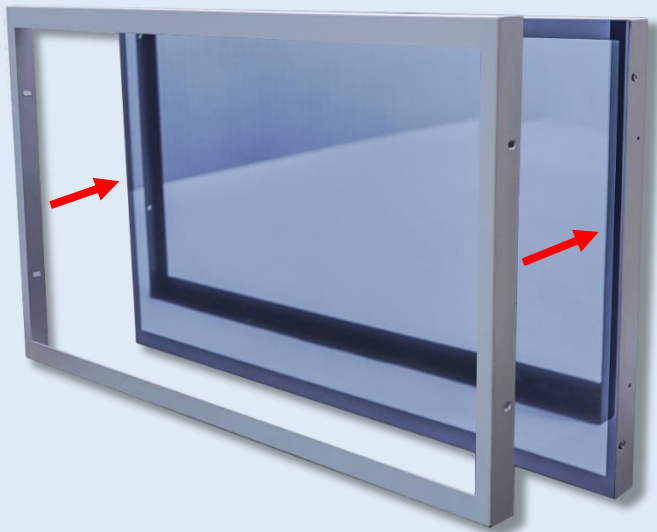
Desktop Stand Type B (Optional)



Item	B Stand	Model	DST-0B002/DST-1B002
VESA Mount	100x100 / 75x75 mm	Dimensions	203x275x227 mm
Material	Steel/Plastic/Aluminum	Net Weight	1.8 kg
Tilt Angle	-2° ~ +180°	Load Capacity	15 kg



Front Protection Frame (Optional)

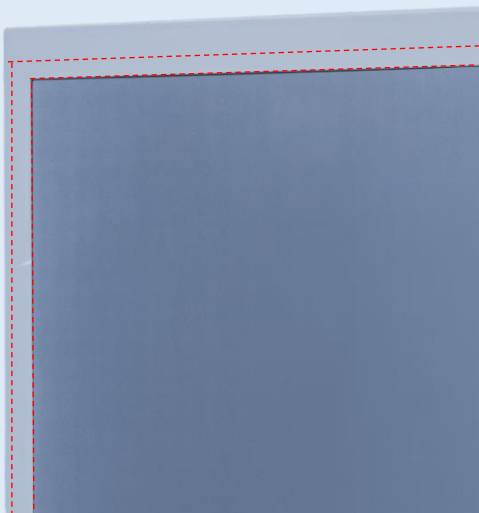


The standard **NTMD104** features a true-flat design with only 1mm metal bezel.

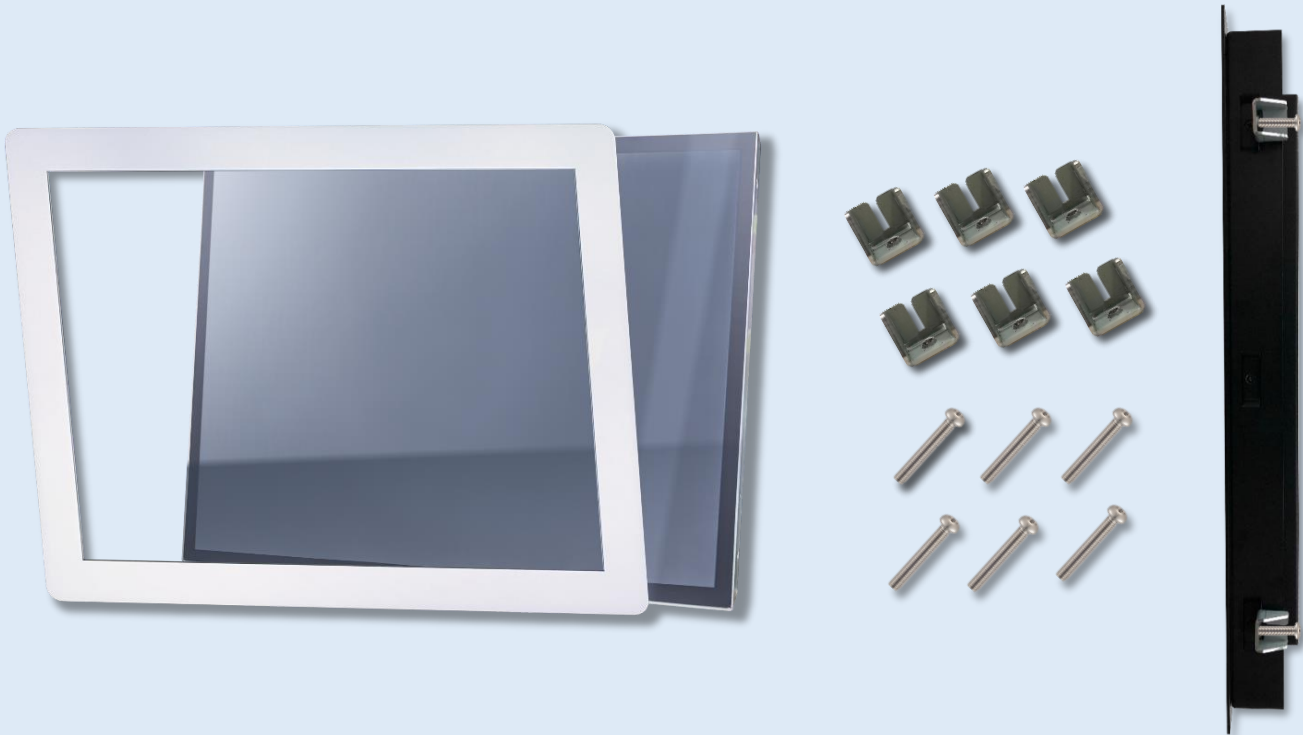
To enhance protection for the corners of the touch screen, the **Front Protection Frame** can be added.



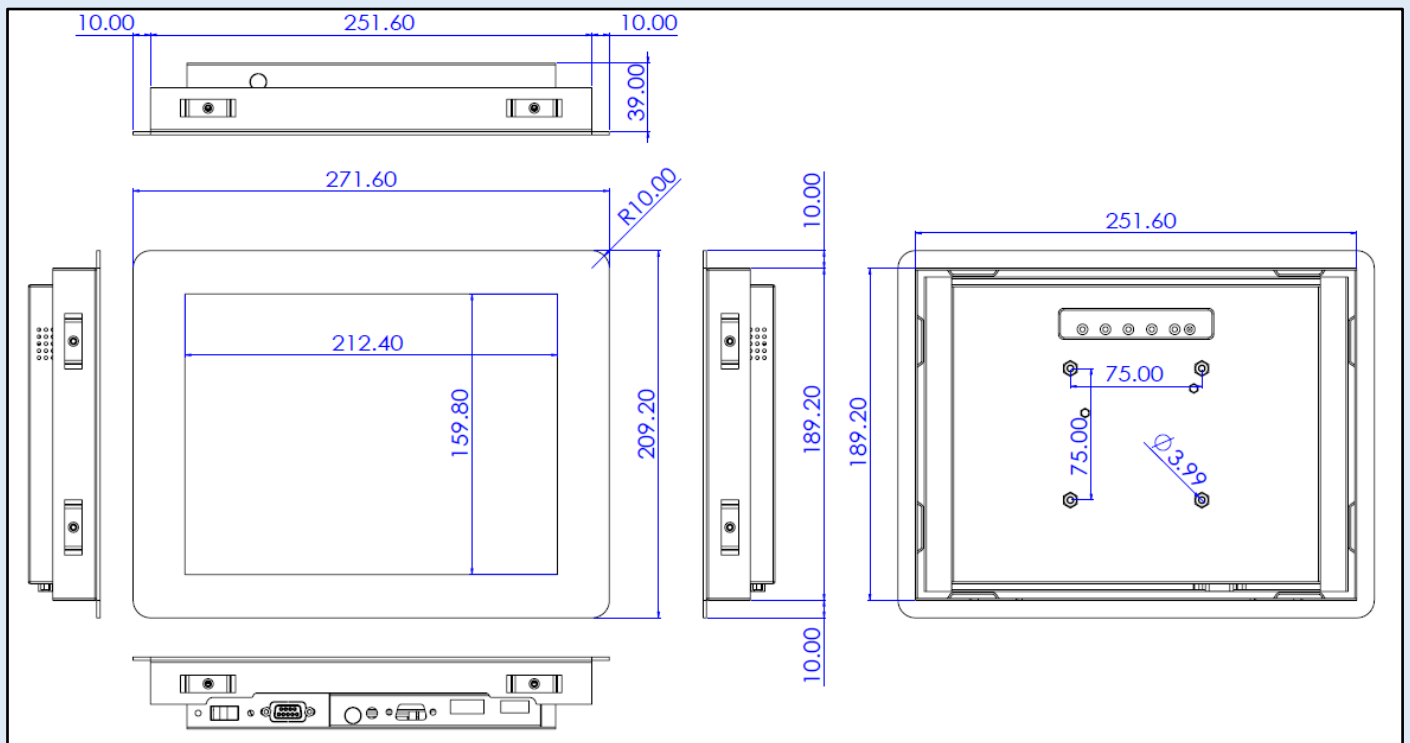
A waterproof gasket can be added between the **Front Protection Frame** and the **NTMD104** to comply with IP65 front protection requirements.



Panel Mount Kits (Option)



Panel Mount Installation Dimensions





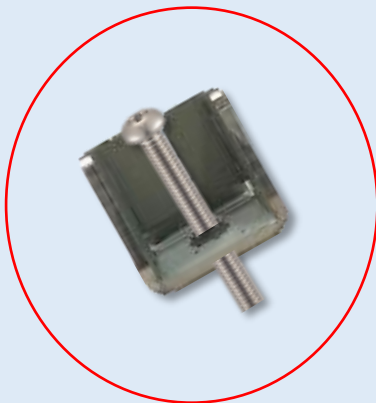
Step 1

Assemble the front module with the display unit.
(This step is pre-assembled at Nextech's factory.)



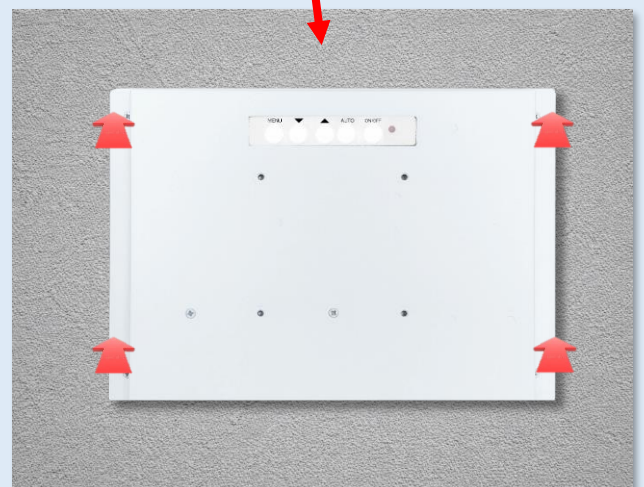
Step 2

Insert the display into the cut-out from the front.



Step 3

Install the mounting clips from the rear side and secure them with screws.



Four black metal brackets, likely for mounting a monitor, are arranged in a cross pattern on a light blue background. Each bracket has two mounting holes at one end.



Technical drawing of the M4000 15.7 inch monitor, showing front, side, and rear views with dimensions in mm.

Front View Dimensions:

- Top bezel: 15.70 (left), 210.20 (center), 15.70 (right)
- Bottom bezel: 15.70 (left), 210.20 (center), 15.70 (right)
- Screen width: 212.40
- Screen height: 159.80
- Overall width: 241.60
- Overall height: 211.20
- Mounting hole spacing: 186.00
- Mounting hole diameter: $\varnothing 9.00$
- Mounting hole offset: R2.00

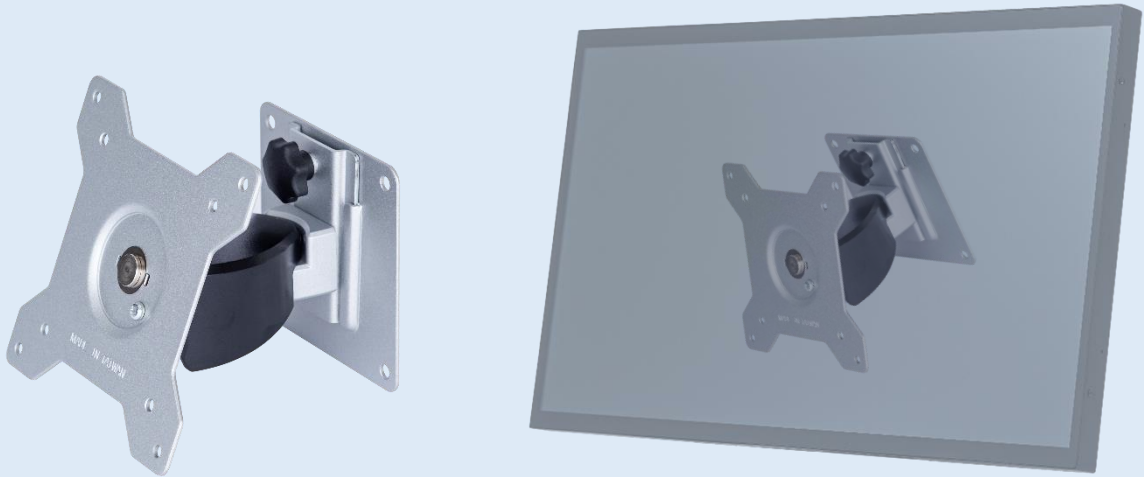
Side View Dimensions:

- Top bezel: 17.50
- Bottom bezel: 20.50
- Screen thickness: 4.50
- Overall height: 170.20
- Mounting hole offset: 20.00
- Mounting hole diameter: $\varnothing 16.00$

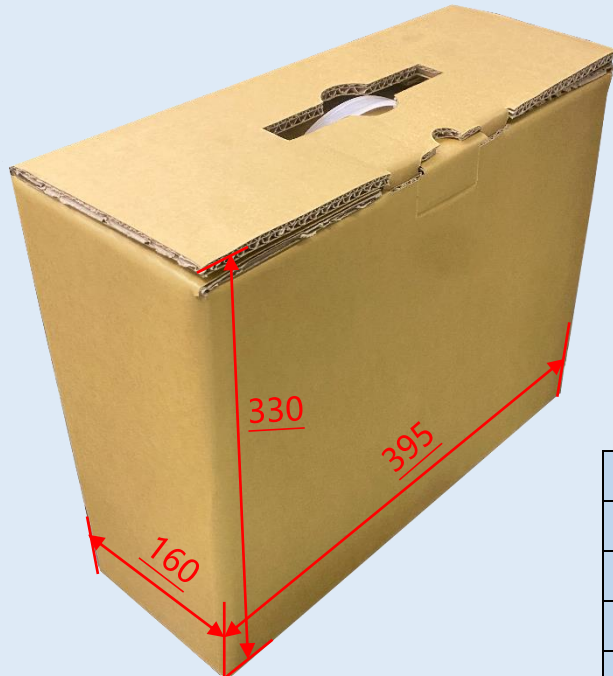
Rear View Dimensions:

- Top bezel: 17.50
- Bottom bezel: 20.50
- Screen thickness: 4.50
- Overall height: 170.20
- Mounting hole offset: 20.00
- Mounting hole diameter: $\varnothing 16.00$

Wall Mount Bracket (Optional)

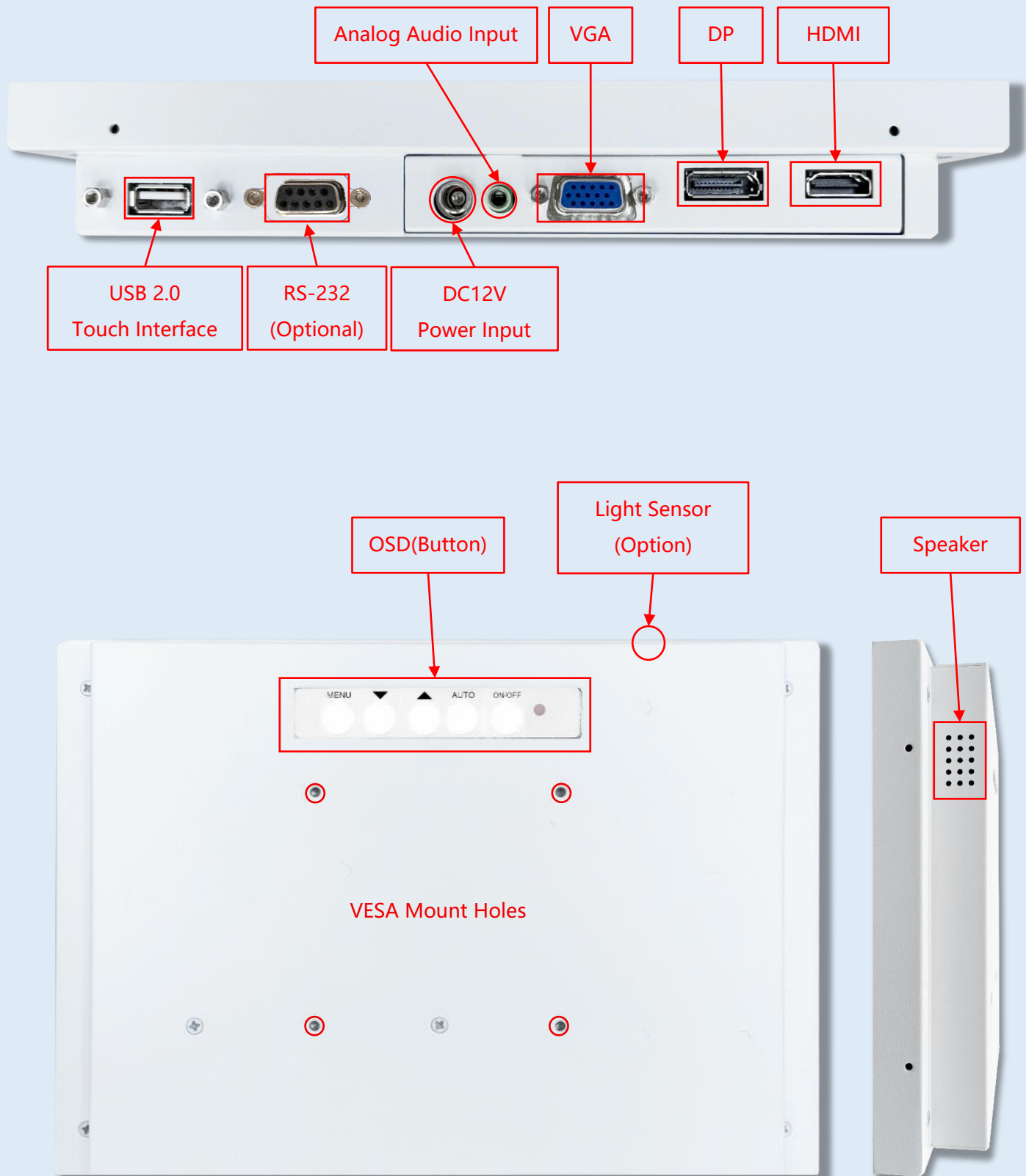


Packaging Information



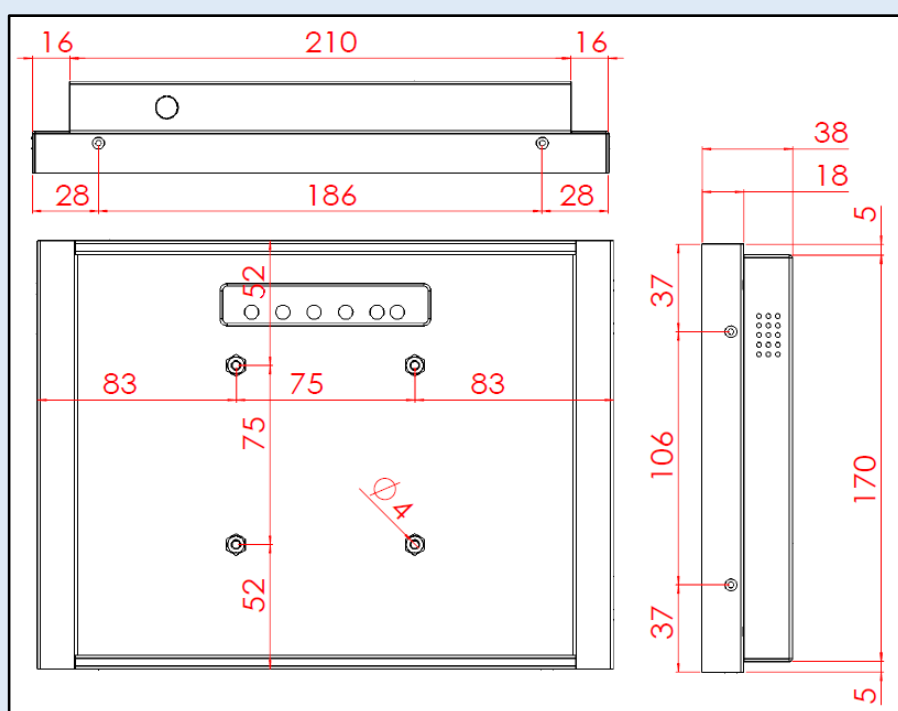
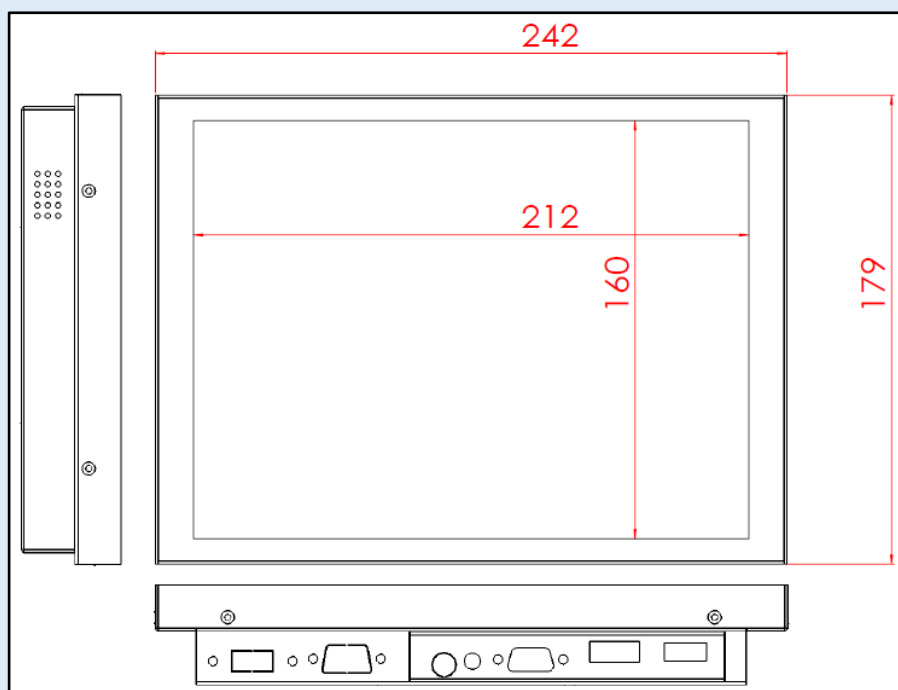
Carton Dimensions	395x160x330 mm
Net Weight	≤1.2 kg
Gross Weight	≤2.5 kg
Units per Pallet	72 units
Pallet Size	120x100x142 cm

Input /Output System



Mechanical Specifications

Dimensions (Max.)	242x179x38(±2)mm	Net Weight	≤1.2 kg
VESA Mount	75x75 mm	Gross Weight	≤2.5 kg



Cosmetic Inspection Criteria

Display Area Defect Criteria			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and 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 (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 condition: 60 cm viewing distance, 90° viewing angle (front/side/back).

Front Appearance Defect Criteria (Including Coating)			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and foreign matter)	$D \leq 0.7\text{mm}$	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 (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 Defect Criteria (Including Coating)			
Defect Description	Defect Criteria	Acceptance	Remarks
Dot Defects (dark dot, particles, bubbles, pits, dust, and foreign matter)	$D \leq 1.5\text{mm}$	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