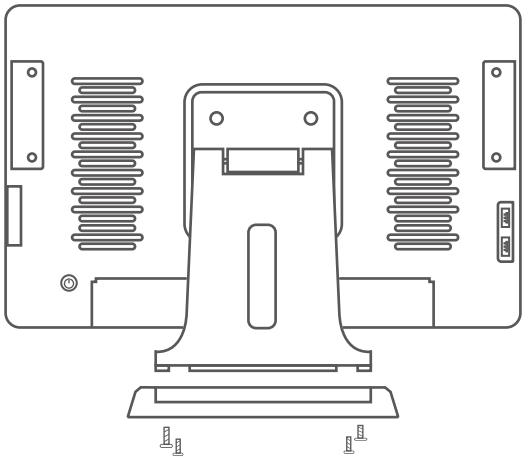
Sunany L200-173 POS Terminal

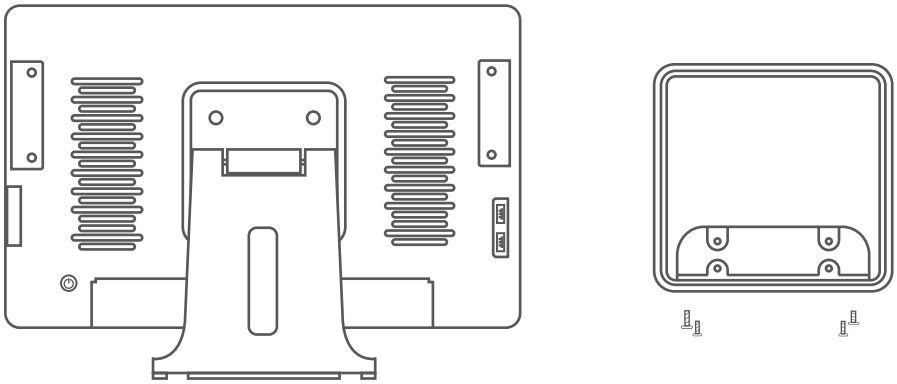
- 17.3-inch main display with capacitive 10-point touch panel.
- Concise aluminum alloy POS stand can be disassembled, which reduces carton volume and saves shipping cost.
- Modular design, easy to install or remove the card reader by reseller.

Stand is able to be disassembled

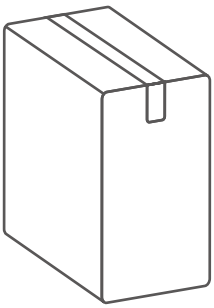
Step 1



Step 2



Step 3

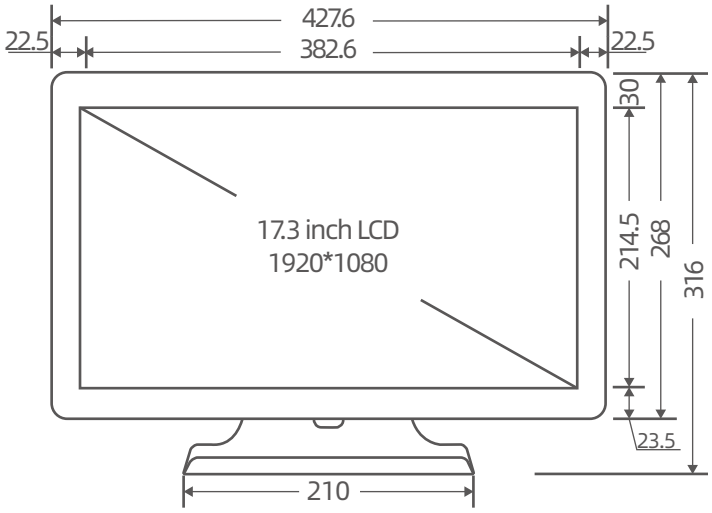


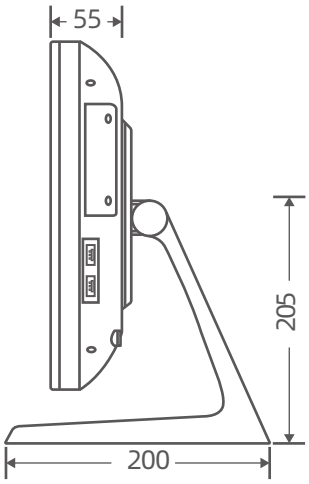
The aluminum alloy stand can be disassembled.
So the whole POS machine can be packed into a smaller carton.

Shell Material: Grade A ABS
Stand Material: Aluminium alloy

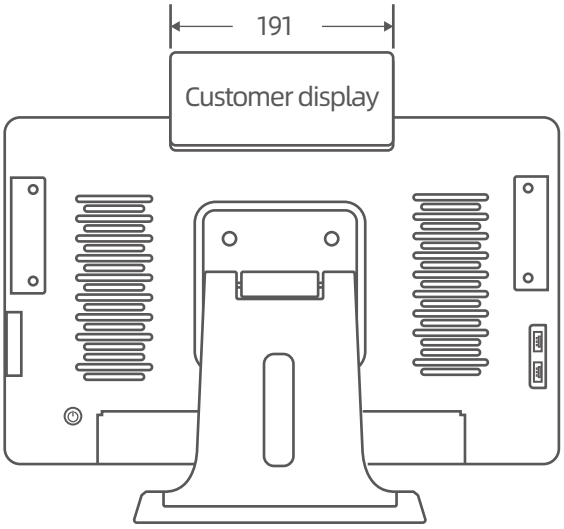
Unit:mm

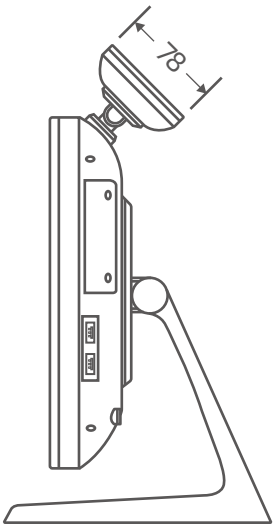
Single Screen



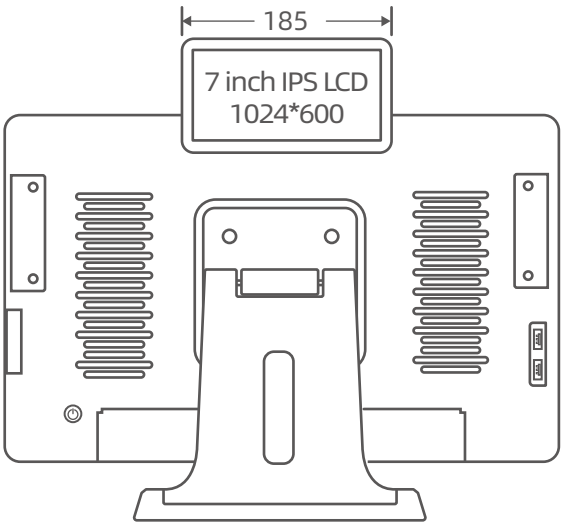


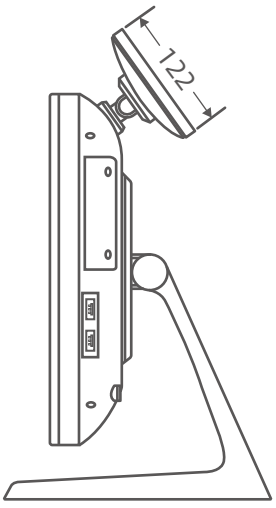
VFD Customer Display

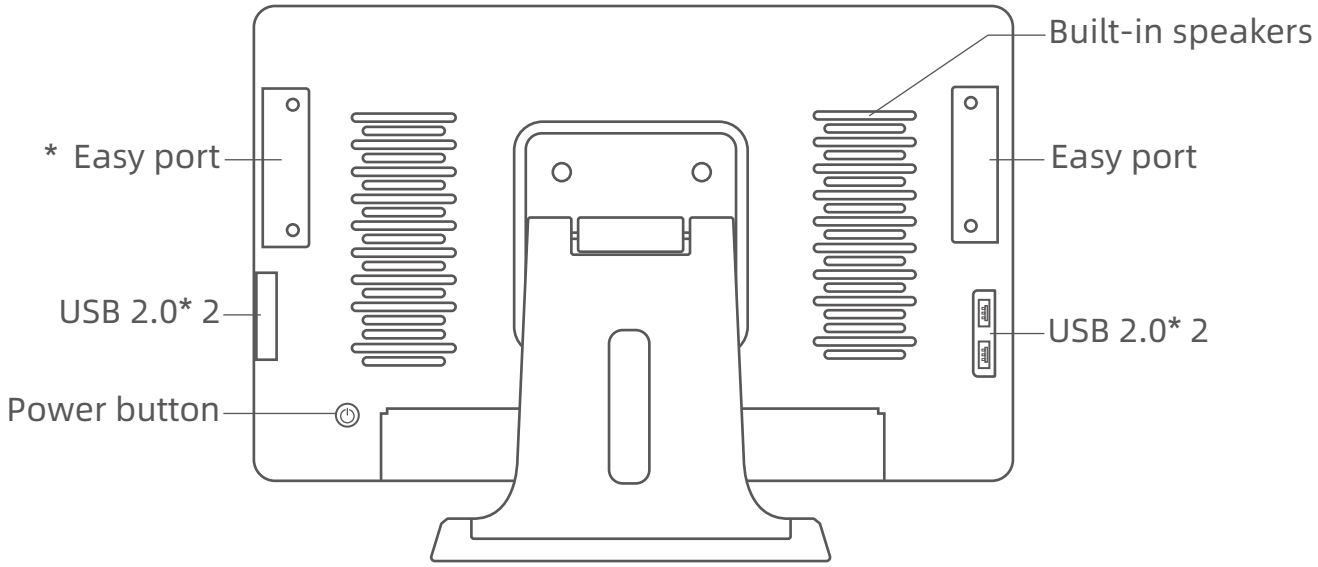




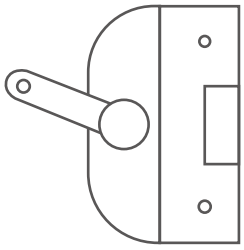
7 inch Second Screen



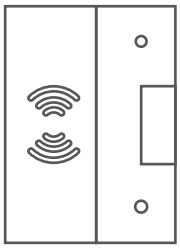




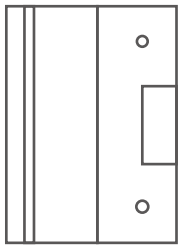
Easy Devices



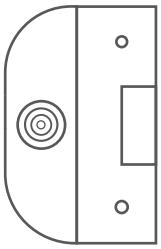
i-Button



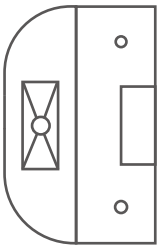
NFC Card Reader



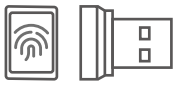
Magnetic Stripe Card Reader



Camera



2D Barcode Reader



Fingerprint Reader

* The easy port is created by Sunany, which means that the easy device can be installed in few seconds, which is convenient for resellers to expand the functions of the POS system according to customer requirements.

Work Environment	
Storage Temperature	-20~60 ℃
Work Temperature	10~45 ℃
Storage Humidity	20%~70%
Work Humidity	35%~70%
Power Input	100~240V (50/ 60Hz)

Main Display	
Display Size	17.3 inch (diagonal)
Active Area	381.888 mm (H)* 214.812 mm (V)
Number of Pixels	1920 pixels (H)* 1080 pixels (V)
Display Ratio	16: 9
Contrast	600:1
Backlight Brightness	400 cd/m2

Touch Panel	
Touch Controller	ILITEK ILI2510 (96 channels)
Touch Type	Capacitive 10 point touch
Lens View Area	382 mm* 214 mm
Cover Glass Thickness	2.0 mm
Sensor Glass Thickness	0.7 mm
Surface Hardness	6H

SSD		
Interface Type	SATA III	M.2 NVMe
Interface Socket	Mini SATA (mSATA)	PCIe
Max Capacity	1TB	4TB
Operating Voltage	5V	3.3V

Remark: not all motherboards support M.2 NVMe SSD, please refer to specifications.

RAM		
DDR3L	Interface Socket	SO-DIMM 204pin
	Max Capacity	8GB (i3/ i5/i7 motherboard, 3rd gen)
		16GB (i3/ i5/i7 motherboard, 4th~5th gen)
	Working Frequency	1333MHz/ 1600MHz
	Operating Voltage	1.35V
DDR4	Interface Socket	SO-DIMM 260pin
	Max Capacity	8GB (J4125 motherboard)
		32GB (i3/ i5/i7 motherboard, 6th gen or more)
	Working Frequency	2400MHz
	Operating Voltage	1.2V

J4125

J4125 Motherboard		
Parameters	Specification	Unit
Processor Number	J4125	
Processor Series	Celeron	
Motherboard Type	Mini-ITX/ Processor on board/ Fanless	
Generation	9th	
Cores	4	piece
Threads	4	
Base Frequency	2.0	GHz
Burst Frequency	2.7	GHz
Cache	4	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® HD Graphics 600	
4K Support	Yes, at 60Hz	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	8	GB
RAM Types	DDR4 2400	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 2.0* 2	piece
	USB 3.0* 2	piece
	RS232* 2	piece
	VGA* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Remark:

1. The default video extension interface is VGA port, which supports HDMI port for optional.

J6412

J6412 Motherboard		
Parameters	Specification	Unit
Processor Number	J6412	
Processor Series	Celeron	
Motherboard Type	Mini-ITX/ Processor on board/ Fanless	
Generation	11th	
Cores	4	piece
Threads	4	
Base Frequency	2.0	GHz
Burst Frequency	2.6	GHz
Cache	1.5	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® UHD Graphics	
4K Support	Yes, at 60Hz	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	16	GB
RAM Types	DDR4 2933	MHz
SSD Interface	M.2 NVMe* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 4	piece
	RS232* 2	piece
	VGA* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Remark:

1. The default video extension interface is VGA port, which supports HDMI port for optional.

i3/ i5/ i7 (3rd gen)

i3/ i5/ i7 (3rd gen) Motherboard		
Parameters	Specification	Unit
Processor Number	i3/ i5/ i7	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	2	piece
Threads	4	
Base Frequency	Depending on the specific model	GHz
Burst Frequency	Depending on the specific model	GHz
Cache	Depending on the specific model	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® HD Graphics 4000	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	8	GB
RAM Types	DDR3L 1333	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 2	piece
	USB 2.0* 2	piece
	RS232* 2	piece
	VGA* 1	piece
	HDMI* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Typical model: i3-3217U, i5-3317U, i7-3517U etc.

i3/ i5/ i7 (4th~5th gen)

i3/ i5/ i7 (4th~5th gen) Motherboard		
Parameters	Specification	Unit
Processor Number	i3/ i5/ i7	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	2	piece
Threads	4	
Base Frequency	Depending on the specific model	GHz
Burst Frequency	Depending on the specific model	GHz
Cache	Depending on the specific model	MB
Audio	Realtek ALC662 HD	
Graphics	Intel® HD Graphics 4400 for 4th gen processor	
	Intel® HD Graphics 5500 for 5th gen processor	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 1	piece
Max RAM Capacity	16	GB
RAM Types	DDR3L 1333/ 1600	MHz
SSD Interface	Mini SATA* 1	piece
Expand Interface	Mini PCI-E* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 2	piece
	USB 2.0* 2	piece
	RS232* 2	piece
	VGA* 1	piece
	HDMI* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Typical model of 4th gen: i3-4030U, i5-4210U, i7-4500U etc.
Typical model of 5th gen: i3-5005U, i5-5200U, i7-5500U etc.

i3/ i5/ i7 (8th & 10th gen)

i3/ i5/ i7 (8th &10th gen) Motherboard		
Parameters	Specification	Unit
Processor Number	i3/ i5/ i7	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	4	piece
Threads	8	
Base Frequency	Depending on the specific model	GHz
Burst Frequency	Depending on the specific model	GHz
Cache	Depending on the specific model	MB
Audio	Realtek ALC269 HD	
Graphics	Intel® HD Graphics 620 for 8th gen processor	
	Intel® UHD Graphics for 10th gen processor	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 2	piece
Max RAM Capacity	32	GB
RAM Types	DDR4 2400/ 2666	MHz
SSD Interface	M.2 M key* 1	piece
Expand Interface	M.2 B key* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 4	piece
	RS232* 2	piece
	VGA* 1	piece
	HDMI* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Typical model of 8th gen: i3-8130U, i5-8250U, i7-8500U etc.
Typical model of 10th gen: i3-1005G1, i5-1035G4, i5-1065G7 etc.
Typical model of 10th gen: i3-10110U, i5-10210U, i7-10610U etc.

i3/ i5/ i7 (11th gen)

i3/ i5/ i7 (11th gen) Motherboard		
Parameters	Specification	Unit
Processor Number	i3/ i5/ i7	
Processor Series	Core	
Motherboard Type	Mini-ITX	
Cores	4	piece
Threads	8	
Base Frequency	Depending on the specific model	GHz
Burst Frequency	Depending on the specific model	GHz
Cache	Depending on the specific model	MB
Audio	Realtek ALC897	
Graphics	Intel® Iris® Xe Graphics	
Network	Realtek RTL8111H 1000M	
RAM Socket	SO-DIMM* 2	piece
Max RAM Capacity	64	GB
RAM Types	DDR4 2933	MHz
SSD Interface	M.2 M key* 1	piece
Expand Interface	M.2 B key* 1 (for Wi-Fi)	piece
I/O Interface	Easy port* 1 (On the left of screen)	piece
	Easy port* 1 (On the right of screen)	piece
	USB 2.0* 2 (Expand, on the left of screen)	piece
	USB 2.0* 2 (Expand, on the right of screen)	piece
	USB 3.0* 4	piece
	RS232* 2	piece
	VGA* 1	piece
	HDMI* 1	piece
	RJ45* 1	piece
	Mic-in* 1	piece
	Audio-out* 1	piece
	DC-in* 1	piece

Typical model: i3-1115G4, i5-1135G7, i7-1165G7 etc.

Remark:
i3-1115G4 is dual-core and four-thread, and the graphics is Intel® UHD Graphics

Unit Packing List
POS Terminal* 1
Power Adapter* 1
AC Cable* 1
Cable Tie* 4
User Manual* 1
Customer Display Optional（VFD/ LED/7” LCD）

Unit Packing Information			
Item	Single screen	With LED/VFD	With 7” LCD
Unit Net Weight	4.2 kg	4.6 kg	4.6 kg
Unit Gross Weight	5.7 kg	6.2 kg	6.2 kg
Unit Package Size	480*180*440 mm	480*180*440 mm	480*180*440 mm

Carton Packing Information			
Number of Units	1 unit	2 units	3 units
Gross Weight	7.2 kg (Single screen)	13.2 kg (Single screen)	17.7 kg (Single screen)
	7.5 kg (With LED/VFD)	13.9 kg (With LED/VFD)	18.6 kg (With LED/VFD)
	7.7 kg (With 7” LCD)	14.3 kg (With 7” LCD)	20.2 kg (With 7” LCD)
Package Size	490*190*470 mm	500*370*480mm	510*500*470 mm

Warranty Item	
Warranty Period	15 months
The warranty period starts from the commercial invoice date	

Video: https://www.youtube.com/watch?v=i43ZXANa2eQ