

27" Self Service Touch Kiosk(X86)



TouchWo Smart Manufacturing: Illuminating the Futu

- **24/7 Commercial Use**
Industrial-grade Power Supply
30,000-hour extended life LCD display
- **Free Customization**
Multiple peripheral configurations available
Integrate your own POS terminal
- **Monitor/Android / Windows Optional**
Android 11 default, High-end spec optional
Latest Celeron J6412 default
i3 i5 i7 Optional
- **Easy Desk Mount, Wall Mount or Floor Mount**
VESA holes for wall mount
Optional with desktop stand or floor stand

PC System- Windows

CPU	Intel Celeron® J6412	Intel® Core™ i5-7300U	Intel® Core™ i7-10510U
Graphic GPU	Intel® UHD Graphics	Intel® HD Graphics 620	Intel® UHD Graphics
Audio	HD Audio: ALC269	Intel® High Definition Audio	HD Audio: ALC269
Memory	DDR4-2666MHz-SODIMM-8G	DDR4-2666MHz-SODIMM-8/16/32G	DDR4-2666MHz-SODIMM-8G
Storage	mSATA-128GB	mSATA./SSD-128/256GB	mSATA-256GB
Network	10/100/1000M RJ45, 802.11a/b/g/n/ac Wifi	10/100/1000M RJ45, 802.11a/b/g/n/ac Wifi	10/100/1000M RJ45, 802.11a/b/g/n/ac Wifi
Pre-installed OS	Windows 10 Enterprise 2019 LTSC	Windows 10 Enterprise 2019 LTSC	Windows 10 Enterprise 2019 LTSC

LCD Panel

Screen diagonal	27inch
Display active screen size (mm)	599 * 337.5 mm
Aspect ratio	16:9
Physical resolution	1080*1920
Colours displayed	16.7M
Brightness (cd/m2)	≥250
Contrast	1000:1
Visual Angle H/V (°)	178/178
Backlight Lifetime (hours)	LED 30,000
Refresh Rate	60 Hz

Touch Panel

Touch technology	PCAP
Response time	<5ms
Touch points	10 points standard
Touch effective recognition	>1.5mm
Scanning Frequency	200Hz
Scanning accuracy	4096×4096
Working Current/Voltage	180Ma/DC+5V±5%
Surface Hardness	Mohs class 7 explosion-proof glass

Operation Environment

Operation Temperature	0°C-50°C
Operation Humidity	10% - 80%
Storage Temperature	-5°C-60°C
Storage Humidity	10% - 85%

Dimension

Machine(mm)	413 (W) ×953.2 (L) × 157.1 (T)
Package(mm)	520 (W) ×1050 (L) × 250 (T)
Net weight	27.75 KG
Gross weight	31.75 KG

Power supply parameters

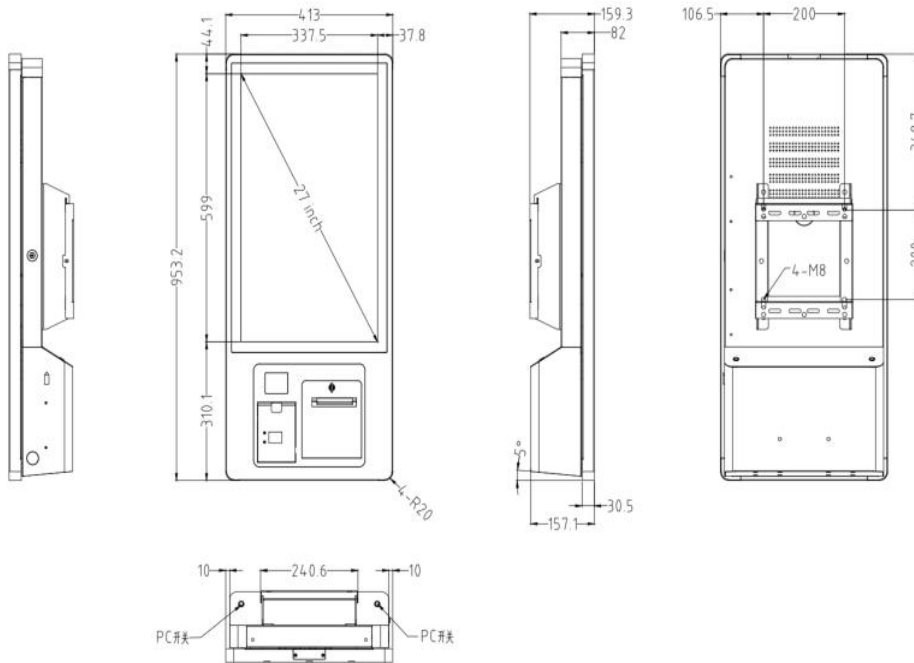
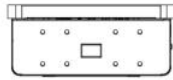
Power Input	110-240V AC 50/60Hz
Power Output	DC 12V4A
Standby power consumption	≤0.5W
Overall power consumption	<48W

External Connectors

RJ45 Ports	x1
Power Socket	x1
HDMI out	x1
USB	x2

Included in the Delivery

Manual	x1
WIFI antenna	x1
Wall mount bracket	x1
AC Power cable	x1



Use Case



Peripherals

The GD27D2 Kiosk comes equipped with a high-speed thermal printer, a QR code scanner, and an POS hole. Its versatile design allows for compatibility with a wide range of peripherals, and the option to customize with or without specific devices. With a short customization period ranging from 7 to 35 days, delivery can be completed efficiently.



Thermal Printer

Model	Epson TM-m30II / MS-E80I
Printing Speed	250MM/S(MAX)
Printing Width	72MM
Paper Width	80MM(MAX)
Resolution	203 dpi
Paper Roll	Dia 80MM(MAX)
Paper Cut	Auto Cut



Barcode Scanner

Model	EMT8020
Resolution	640*480 COMS
Recognition Accuracy	5mil
Field of View	Horizontal 68°, Vertical 51°
2D Codes	PDF417, QR Code, DataMatrix, etc
1D Codes	Code 128, EAN-13, EAN-8, Code 39, etc



RFID card reader

Model	M11
Frequency:	IC Mifare1/; CPU/TypeA; 14443A
Protocols:	IC/ID
Supported Card	80MM(MAX)
Functions:	Read/Write IC cards, Read ID cards

More Options for customization



Fingerprint Sensor



Metal Keyboard



Card Dispenser



Payment terminal



Camera



NFC-Payment



4G LTE



Battery-UPS

[Six-view Drawing](#)



[Installation](#)



Wall mount bracket

Floor stand



Floor stand

Desk stand