21.5″ Modular Flat-Pack Touch Kiosk

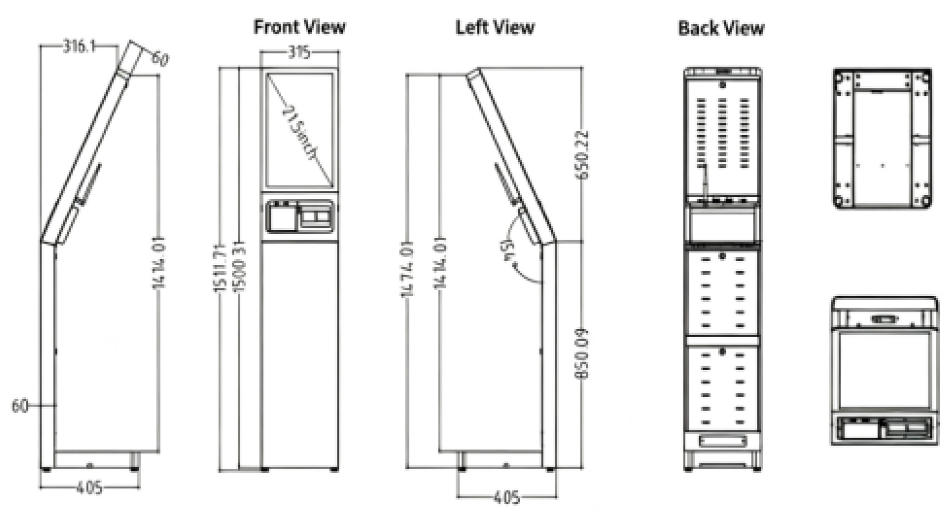
X86 Version (Windows) · Model: KD215C

TouchWo®

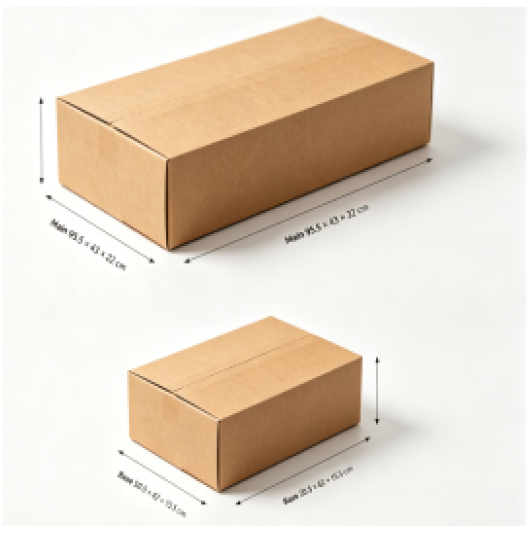
Product Views

Before Assembly: Flat packed for shipment

After Assembly: Solid integrated kiosk · Front / Rear / Side Views



Product Dimension Drawing



Package Dimension P1: L 95.5cm / H 22cm / W 43cm P2: L 50.5cm / W 42cm / H 15.5cm

Key Features

KD Flat-Pack Structure Ships as flat panels - rigid solid unit after assembly (non-foldable)	**3× Container Load Capacity** 3× more units per container - big per-unit freight savings on bulk orders
Save Warehouse Space Flat components take minimal warehouse space before installation	**Lower Shipment Damage Risk** Separate flat packaging cuts screen & cabinet damage in transit
Easy On-site Assembly Pre-made parts - quick assembly with common tools, no technicians	**Solid & Premium Finish** Same strength & sleek look as welded integrated kiosks
24/7 Commercial Use Industrial-grade power supply, built for non-stop operation	**Free Customization** Color, silk-screen, logo and configuration on request

Display & Touch

LCD Panel		Touch Panel	
Screen diagonal	21.5 inch	Touch technology	PCAP
Physical resolution	1920 × 1080	Response time	< 5 ms
Aspect ratio	16 : 9	Touch points	10 points standard
Active screen size	477.6 (W) × 269.1 (H) mm	Effective recognition	> 1.5 mm
Colours displayed	16.7M	Scanning frequency	200 Hz
Brightness	≥ 250 cd/m²	Scanning accuracy	4096 × 4096
Contrast	≥ 1000 : 1	Working current / voltage	180 mA · DC +5V ±5%
Viewing angle (H/V)	178° / 178°	Surface hardness	Mohs class 7 explosion-proof glass
Backlight lifetime	LED · 30,000 hours		
Refresh rate	60 Hz		

Operating Environment & Dimensions

Operating Environment		Dimensions & Weight	
Operation temperature	0 °C ~ 50 °C	Machine size	31.5 × 40.5 × 151.17 cm (W×D×H)
Operation humidity	0% ~ 90% RH	Package size	Main 95.5×43×22 · Base 50.5×42×15.5 cm
Storage temperature	0 °C ~ 60 °C	Net weight	23.10 kg
Storage humidity	10% ~ 85% RH	Gross weight	28 kg

System Configuration

PC System — Windows	N5095	I5-4th Gen	I5-10th Gen
CPU	Intel Celeron N5095	Intel Core i5 4th Gen (7th Gen optional)	Intel Core i5 10th Gen
Graphic GPU	Intel UHD Graphics	Intel HD Graphics	Intel UHD Graphics
Memory	4 GB (8 / 16 / 32 GB optional)		
Storage	mSATA 64 / 128 / 256 / 512 GB		
Operating System	Windows 10 / 11 · Linux		
Network	10/100/1000 M RJ45 · 802.11 a/b/g/n/ac WiFi		

Android (ARM) platform is also available — see the ARM version sheet.

Power Supply & Packing List

Power Supply Parameters		Included in the Delivery	
Power input	110–240 V AC · 50/60 Hz	Manual	× 1
Power output	DC 12V · 5 A	Key	× 2
Standby consumption	≤ 0.5 W	WiFi antenna	× 1
Idle consumption	< 60 W	AC power cable	× 1

Connectors

RJ45 Port × 1	USB × 2	Power Socket × 1

Packaging & Shipping — Flat-Pack (KD) vs Integrated

Item	KD215C · Flat-Pack (New)	KD215B2 · Integrated (Previous)
Structure	KD flat-pack body · splits into main + base	One-piece · non-flat-pack
Cartons	2 — 95.5×43×22 + 50.5×42×15.5 cm	1 — 53×158.5×46 cm
Packing volume	≈ 0.12 m³	≈ 0.39 m³
Net / gross weight	23.10 kg / 28 kg	—
Volume saving	~68% less	—
Container loading	~3× more units	Baseline
Freight & storage	Greatly reduced	Higher cost

KD215B2 · Integrated (Previous)

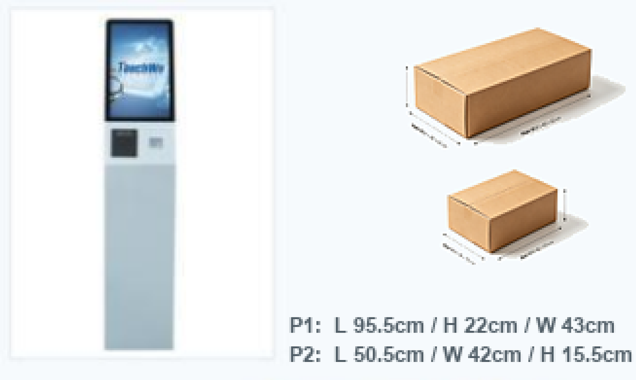
W 53 cm · D 46 cm

1 carton · 53 × 158.5 × 46 cm

Packing volume ≈ 0.39 m³

VS

KD215C · Flat-Pack (New)



P1: L 95.5cm / H 22cm / W 43cm
P2: L 50.5cm / W 42cm / H 15.5cm

2 cartons · ≈ 0.12 m³

≈ 68% less volume than KD215B2

-68% Packing Volume	×3 Container Load	Quick On-site Assembly

Peripherals

The KD215C kiosk supports a high-speed thermal printer, a QR code scanner and an RFID card reader. Its versatile design is compatible with a wide range of peripherals and can be customized with or without specific devices. Customization period: 7–35 days.

Thermal Printer — MP802C-1 (80 mm)

Model	MP802C-1 (80 mm)
Print method	Direct thermal (line)
Print speed	160 mm/s (max)
Paper width	80 mm
Resolution	203 dpi
Cutter	Full cut / half cut (command control)

QR Code Scanner — EMT8020

Model	EMT8020
Resolution	640 × 480 CMOS
Recognition accuracy	5 mil
Field of view	H 68° · V 51°
2D codes	PDF417 · QR Code · DataMatrix etc.
1D codes	Code128 · EAN-13 · EAN-8 · Code39 etc.

RFID Card Reader — M11

Model	M11
Frequency	13.56 MHz
Protocol	ISO 14443A
Supported cards	Mifare 1K/4K · CPU · Type A
Functions	Read / write IC cards · read ID cards

More Options for Customization

Fingerprint Sensor

Metal Keyboard

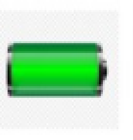
Card Dispensor

Payment terminal

Camera

NFC-Payment

4G LTE



Battery-UPS

Use Cases

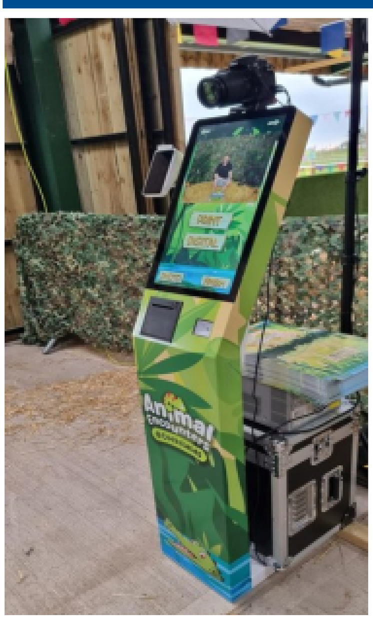
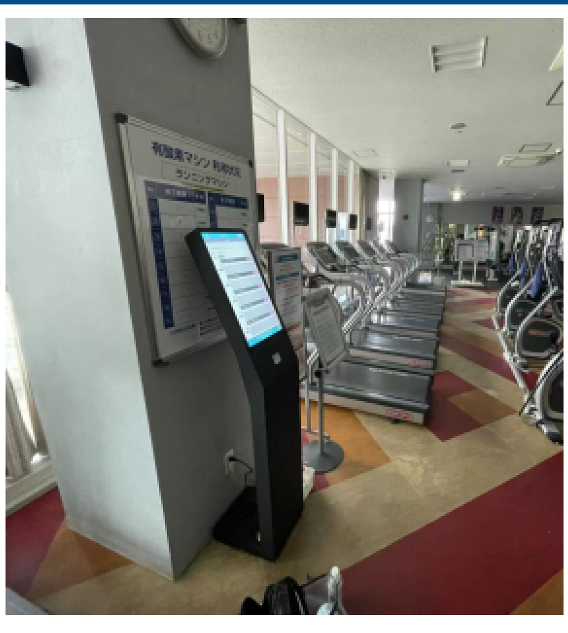


Photo Printing

Self-service



Club Check-in

Queuing and Calling

Donation Kiosk

Certifications · CE / FCC / RoHS