Interactive Self-Service POS Kiosk

Technical specifications · 32" self-ordering kiosk for restaurants

Specifications

Section	Specification	Value
1. Name	Product	32" self-service kiosk for restaurants
2. Basic configuration	Motherboard	Android RK3566
	RAM	2 GB
	Storage	16 GB
	Operating system	Android 6.0
	Connectivity	3G, Ethernet, Wi-Fi / Bluetooth 4.0, wireless peripheral expansion
3. Display	Panel size	32"
	Panel type	TFT LCD
	Backlight	WLED
	Active area	697.8 × 392.2 mm
	Resolution	1920 × 1080
	Contrast ratio	3000:1
	Viewing angle	H 178°, V 178°
	Brightness	250 nits (without touch), 225 nits (with touch)
	Touch technology	Projected capacitive
	Touch points	10
	Operating voltage	12 V DC
	Operating conditions	0 °C to 40 °C, 20% – 80% RH
	Storage conditions	–20 °C to 60 °C, 10% – 95% RH
	Video inputs	VGA, HDMI
4. Motherboard	Processor	Rockchip RK3566 quad-core, 1.8 GHz
	Chipset	Cortex-A17
	TF card	TF card expansion supported
	GPU	Mali-T764
	Memory	Built-in eMMC, up to 64 GB optional
	USB	2 × USB host, 4 × USB
	External outputs	HDMI, eDP, LVDS, audio
	Timer switch	Supported
	RTC clock	Supported

Section	Specification	Value
5. Printer	Print method	Thermal
	Resolution	203 dpi (8 dots/mm)
	Paper width	80 mm
	Print width	72 mm
	Print density	Adjustable, levels 1–4
	Interface	RS-232 / USB
	Print speed	170 mm/s max.
	Sensors	Temperature detection and paper-end sensor
	Operating voltage	24 V DC
	Operating conditions	–10 °C to +50 °C, 10% – 80% RH
	Cutter life	700,000 cuts
	Print head life	50 km
6. Scanner	Operating voltage	5 V DC
	Operating temperature	–20 °C to 60 °C
	Current	75–100 mA
	Supported codes	1D: Industrial 2 of 5, Standard 2 of 5, Matrix 2 of 5, China Post 2 of 5, Code 11, Codabar, MSI/Plessey, Code 39 (standard and full ASCII), Code 32, Code 93, Code 128, UPC-A, UPC-E, EAN-13, EAN-8, UPC/EAN add-on 2/5, ISBN, ISSN, GS1 DataBar (RSS-14, Limited, Expanded, Stacked). 2D: PDF417, Data Matrix, QR Code, etc.
	Sensor	CMOS
	Reading precision	≥ 8 mil
	Illumination	LED (6000 K), 90 lux at 100 mm
	Light intensity	265 lux (130 mm)
	Scanning	Omnidirectional decoding
	Scan rate	30 scans/s
	Resolution	640 × 480 pixels
	Indicator	Buzzer
7. Operating conditions	Environment	Indoor
	Operating temperature	0 °C to 40 °C
	Operating humidity	10% – 90%, non-condensing
	Storage temperature	–20 °C to 50 °C
	Storage humidity	10% – 90%, non-condensing
8. Accessories	Expansion bolts	4
	Keys	2
	Antenna	Dual band
	Warranty	3 years
9. Electrical	Input voltage	90–264 V AC, 50/60 Hz
	Maximum consumption	≤ 140 W

Section	Specification	Value
10. Physical	**Finish**	Black powder-coated column, white front
	Housing	Sheet-metal front shell, galvanised mounting plate, sheet-metal rear shell and sheet-metal column
	Dimensions	366.1 × 260 × 1708.8 mm
	Packing size	330 × 510 × 1883 mm
	Weight	Net 52.3 kg, gross 63.5 kg
11. Host ports	**Port layout (1–7)**	1. USB 2.0 · 2. USB 2.0 · 3. TF card slot · 4. Audio out · 5. 1000M LAN · 6. HDMI · 7. DC in

Please contact us for current lead times and pricing. Specifications may change without prior notice as products are continuously improved. Images are for illustration only.