Self-Checkout - **Z3 Model**

New Retail Self-Service Solution

21.5-inch
Android

CCL
CREATE CONVENIENT LIFE

Rockchip



Compact, stylish, and instantly ready – our self-checkout delivers smooth touchscreen interaction, AI-powered supervision, and space-saving efficiency for modern retail.

High-Performance Core Configuration for Smart Checkout

Powered by Rockchip RK3576 high-performance processors, delivering robust computing power with outstanding energy efficiency. The fanless, silent design guarantees stable and reliable operation. Deeply optimized for Android, every detail – from hardware architecture to user interaction – is engineered to offer a smooth, seamless self-service experience.

Plug & Play – Ready to Use Right Out of the Box

Designed with a plug-and-play philosophy – devices are ready for immediate use without complex setup or debugging. Large screen configuration shortens deployment cycles and reduces installation and maintenance costs, allowing stores to go live quickly and easily handle peak opening periods or equipment replacements.

Compact & Stylish Design – Efficient Use of Space

Featuring a compact and stylish appearance, it can be easily placed on any checkout counter without taking up excessive space. While ensuring full functionality, it maximizes counter area, enabling stores to accommodate more equipment or products in a limited space – maximizing the value of your space.

Fully Laminated Touchscreen

The fully laminated touchscreen eliminates the air gap between the display and the glass, effectively reducing light reflection and delivering a clearer, more vivid picture. Touch response is sensitive and accurate, offering a smooth, lag-free user experience. This significantly enhances interaction, making self-service checkout even more effortless.

Modular Design



Independent Space



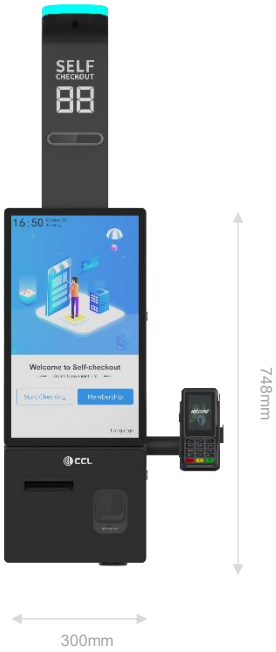
Light



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System	
Processor	Rockchip RK3576, Quad-Core Cortex-A72 + Quad-Core Cortex-A53, up to 2.2GHz
RAM	LPDDR5 4G / 8G / 16G
Storage	E-MMC 32GB / 64GB / 128GB
Wi-Fi Module	Wi-Fi® 802.11a/b/g/n/ac/ax 2.4GHz/5GHz
OS	Android 14
Power	
Power Supply	24V 6A / 144W
Display	
Size	21.5" TFT LCD
Resolution	1920*1080
Brightness	350 nits
Touch	True-flat PCAP touch with multi-touch support
I/O Ports	
Serial	2*RS232
USB	4*USB 2.0+2*USB 3.0
Powered USB	1*24V Powered USB + 3*12V Powered USB
Power Supply	3(2.5)*12V/18W + 1(2.1)*12V/18W
LAN	1*RJ45, 10 / 100 / 1000 MB
Display port	1*HDMI
Audio	2*5W Internal Speakers
Standard Components	
Scanner	International first-line barcode scanner, supports 1D&2D and scanning mobile phone screen
Printer	Printing mode: Line-based thermal printing Printing speed: Up to 200mm/s Paper width: 80mm / 58mm Service life of print head: 100km Service life of cutter: 1.5 million times
Physical & Environmental	
Dimension (W x D x H in mm)	300 x 180 x 748
Netto Weight (in Kg)	12.5
Certification	CE / RoHS
Color	White / Black
Operating Conditions	0°C - 40°C, 20% RH - 90% RH
Storage Conditions	-20°C - 60°C, 10% RH - 90% RH
Options & Peripherals	
MSR	3 Tracks ISO
Camera	3D sensory camera, support facial pay, on Status Indicator
Status Indicator	RGB Color LED Indicator, Compatible with loss prevention cameras (optional)
EMV Payment Device Bracket	Custom bracket supporting various EMV payment devices





CE RoHS

Disclaimer: The product information and specifications are subject to change without prior notice

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