Self-Checkout - **Z3D Model**

CREATE CONVENIENT LIFE

New Retail Self-Service Solution

15.6-inch
Android

Rockchip



Switch seamlessly between staff-assisted and self-checkout in one compact unit. Flexible mounting, fast scanning, and space-saving design – queue-free checkout made simple.

Dual-Mode Switching – Two-in-One Functionality

Integrates the functional requirements of staff-assisted checkout and self-checkout, perfectly suited for all retail scenarios. Flexibly adapts during peak hours – it acts as a "queue buster" guiding customers to self-checkout, while also switching instantly to staff mode for handling complex operations. This two-in-one design not only reduces equipment procurement costs but also makes efficient use of checkout space.

Compact Layout – Redefining Store Space Aesthetics

The highly integrated hardware solution is built around a "countertop aesthetics" design concept. Its compact body is specifically designed for tight counter spaces, with flexible installation options including floor-standing, wall-mounted, and desktop – freely interchangeable as needed.

Rich Interfaces – Free Peripheral Connectivity

Full-featured interface configuration supports a wide range of mainstream peripheral expansions, plug-and-play, meeting the checkout needs of different retail formats.

Versatile Display Configurations – Tailored to Your Software

Choose from single or dual screens, landscape or portrait, to perfectly match your software. This flexible display ensures seamless retail adaptation, clear visuals, intuitive interaction, and boosts efficiency for staff and customers.

Single screen



Rotating Base



Peripherals



Light



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System	
Processor	Rockchip RK3568, Quad-core Cortex-A55 up to 2.0GHz Rockchip RK3576, Quad-Core Cortex-A72 + Quad-Core Cortex-A53, up to 2.2GHz
RAM	LPDDR4 4G / 8G for RK3568 LPDDR5 4G / 8G / 16G for RK3576
Storage	E-MMC 32GB / 64GB / 128GB
Wi-Fi Module	Wi-Fi® 802.11a/b/g/n/ac/ax 2.4GHz/5GHz
OS	Android 11 for RK3568 Android 14 for RK3576
Power	
Power Supply	24V 3.75A / 90W
Display	
Size	15.6" TFT LCD
Resolution	1920*1080
Brightness	250 nits
Touch	True-flat PCAP touch with multi-touch support
I/O Ports	
Serial	1*RS232
USB	2*USB*2.0+2*USB 3.0
Powered USB	1*24V Powered USB + 1*12V Powered USB
Cash Drawer	1, supporting 24V Cash Drawer
LAN	1*RJ45, 10 / 100 / 1000 MB
Audio	2*3W 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)	260 x 153 x 574 (Single screen) 384 x 273 x 574 (Dual screen)
Netto Weight (in Kg)	10 (Single screen) 12 (Dual screen)
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
Customer Display	15.6" TFT LCD, 1920*1080, 250 nits, Non-Touch or Touch
Status Indicator	RGB Color LED Indicator
Camera	3D Camera, supports facial payment
EMV Payment Device Bracket	Custom bracket supporting various EMV payment devices



384mm



574mm

273mm

CE RoHS

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

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