KDS Series

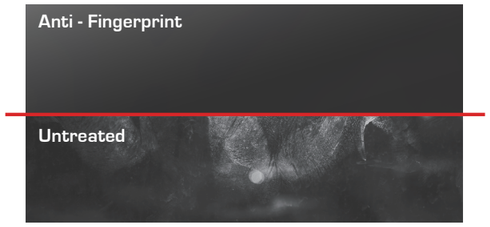


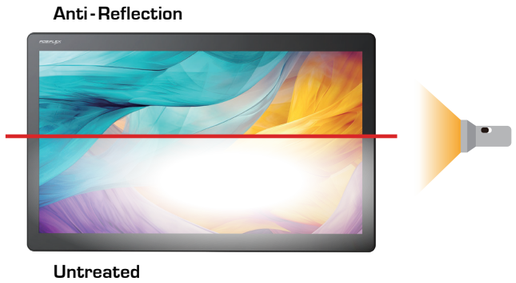
Work Smarter, Serve Faster

The system is built with a sealed design and an optional multi-touch display support up to 500 Nits of brightness featuring anti-reflection and anti-fingerprint technology, making it ideal for tough kitchen environments.

Smudge-Free Clarity with Anti-Fingerprint Coating

The anti-fingerprint coating prevents smudges, keeping the screen clear and maintaining display clarity. It enhances touch sensitivity and reduces cleaning needs, ensuring smooth operation in busy environments.





Anti-Reflection Technology for Clearer Displays

The KDS Series kitchen display system features anti-reflection technology that minimizes glare and enhances screen clarity in bright or challenging lighting conditions.
This ensures consistent visibility for kitchen staff, even under direct lighting, improving efficiency and reducing eye strain during high-pressure and fast-paced operations.



Support Bump Bar & 2D Barcode Scanner

The KDS Series is designed to support the attachment of a bump bar and/or a 2D barcode scanner at both the bottom and right sides, offering enhanced flexibility for applications requiring various orientations and configurations.





KDS Series

Specification	KDS-4321	KDS-4221
Processor	Intel Raptor Lake U Core i3 Intel Raptor Lake U Core i5 Intel Raptor Lake U Core i7	Intel Elkhart Lake Celeron J6412
System Memory	DDR5 SO-DIMM x 2, max. 64 GB	DDR4 SO-DIMM x 2, max. 32 GB
Storage Device	M.2 2280 (support both SATA and PCIe signal) x 2	M.2 2280 (support SATA only) x 2
RAID Function	Yes (Raid 0/ 1)	N/A
Intel vPro Support	Yes, Depends on CPU	N/A
TPM Support	TPM 2.0	
OS Support	Windows 10 IoT LTSC / Windows 11 IoT LTSC	

Display & Touch

LCD	21.5" LCD (Default: 350 nits, Option: 500 nits)
Resolution	1920 x 1080, FHD
Touch	PCAP supporting multi-touch, W/AR + AF Coating Option AG glass

I/O & Expansion

Serial Port	DB9 x 1 + RJ50 x 1, 5V/12V support on all COM ports
Standard USB Port	USB 3.0 x 2 + USB2.0 x 2
LAN Port	2.5Gbe x 2
Audio	Internal speaker x 2
Expansion Slot	M.2 2230 (reserved for WiFi/BT Module) x 1

Factory Option

USB-C Port	Adapter needs upgrade to 24V/120W accordingly
WLAN/ BT	Wi-Fi IEEE 802.11a/b/g/n/ac (WiFi6) / BT 5.2

Power

Adapter	24V/100W	24V/60W

Physical Dimension

Dimensions (W x D x H in mm)	516 x 51 x 324
Weight (N. W. in kg)	6

Environmental

Operating Condition	0°C - 45°C, 20%RH - 90%RH
Storage Condition	-20°C - 70°C, 10%RH - 90%RH
IP Rating	IP54

Accessory Options

Base	Support Gen10 base
VESA Mount	100 x 100
Bump Bar Keyboard	BB3000W for KDS
Scanner Module	Support 2D BCR Kit

*Designed and Manufactured in Taiwan by Posiflex Technology, Inc. *The product information and specifications are subject to change without prior notice.
*Please refer to the website for more attachment options. *Google Play services is not supported by this device.

Certifications

EN20240613V1

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KDS Series

POS Terminal