

COMPANY PRODUCTS



KDS

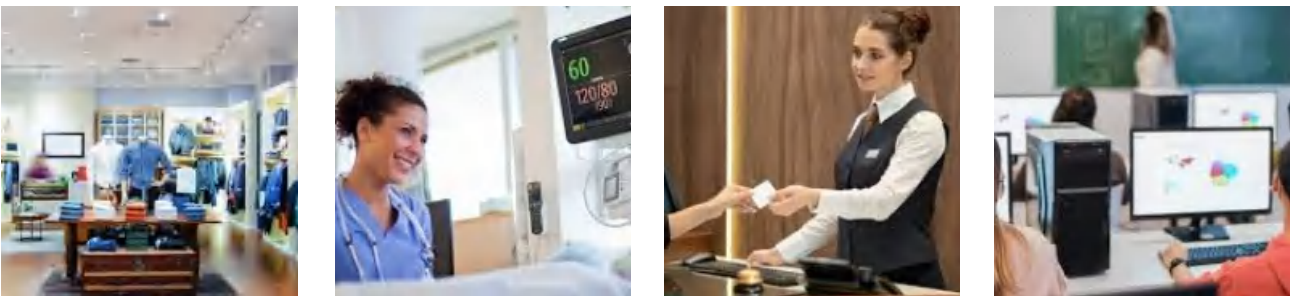
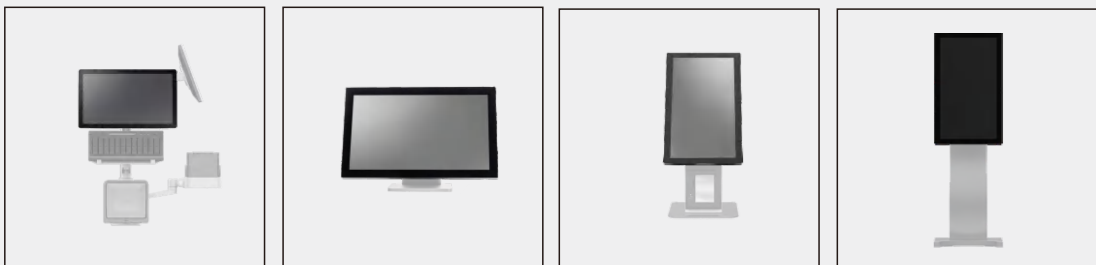
The KDS (Kitchen Display System) is designed to streamline kitchen operations for the foodservice industry, enhancing order management and communication between front-of-house and back-of-house teams. With real-time order tracking, customizable display options, and seamless integration with POS systems, it boosts efficiency and reduces errors. The system's durable design ensures reliability in fast-paced environments, making it an essential tool for modern kitchens.

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KD22 not only for KDS, it offers versatile capabilities for different applications.

- User-friendly design
- Easy customization into a self-service kiosk
- Quick setup and customization

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KD22

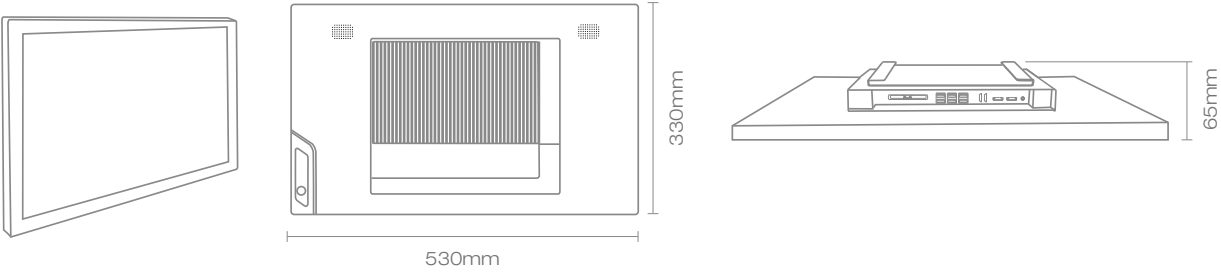
Kitchen Display System

Features

- 21.5" FHD display with touch
- High Performance CPUs such as RK3576, J6412, or 11th /12th generation
- Fan-free
- Full set IP65-rated
- Easy-swap 2.5"SSD optional
- Windows 10/11 or Android 14
- 100*100 Vesa optional
- Symmetrical bezels flexible for portrait/landscape



Dimensions



KD22 Specification

Model		KD22 (KDS)				
CPU		Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz, Fan-Free	Intel® Processor N97 6M Cache, up to 3.60 GHz, Fan-Free	Intel® Core™ i3-1215U Processor 10M Cache, up to 4.40 GHz, with IPU, Fan-Free	Rockchip 3576, Transformer Architecture, Octa-core Processor, 6TOPS Computing Power, up to 2.2GHz, Fan-Free	Monitor
				Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz, with IPU, Fan-Free		
System Memory		1 x DDR4, SO-DIMM, 8GB (Max. 32GB)	1 x DDR4, SO-DIMM, 8GB (Max. 16GB)	1x DDR5, SO-DIMM, 8G (Max.32GB)	DDR4L, 8G Onboard	N/A
Storage	SATA	N/A				
	mSATA	1 x 2.5 SATA SSD 128GB (256GB/512GB Optional)	1 x M.2 SATA SSD 128GB (Optional 256GB/512GB, NVMe/SATA Adaptive)	1 x NVMe M.2 2242 SSD 256GB (512GB optional)	eMMC 64GB	N/A
LCD	Size	21.5" TFT LCD Panel				
	Brightness	350 cd/m² (Typ.)				
	Resolution	1920 x 1080				
Touch Screen		True-Flat Projected Capacitive Touch				
External I/O Port	USB	3 x USB 3.0 + 3 x USB 2.0	4 x USB 3.0 + 2 x USB 2.0 + 1 x Type-C	2 x USB 3.0 + 4 x USB 2.0	1 x USB 3.0 + 3 x USB 2.0 + 1 x Type-C	1 x USB (Touch Screen)
	Storage SSD	1 x 2.5 SATA SSD	N/A		N/A	N/A
	Serial Port	N/A	2 x RJ50 (COM)		N/A	N/A
	VGA	N/A		1 x VGA		
	HDMI	2 x HDMI	1 x HDMI		N/A	1 x HDMI(In)
	LAN	2 x LAN (10/100/1000Mb)	1 x LAN (10/100/1000Mb)			N/A
	Audio	1 x Audio (Line-out/MIC)		N/A	1 x Audio (Line-out)	N/A
	Cash Drawer Port	N/A		1 x RJ11, 24V Cash Drawer	N/A	N/A
	DC-in	1 x DC-in		1 x DC-in (3Pin)	1 x DC-in	1 x DC-in (4Pin)
	DC-out	N/A	1 x DC12V-Max. 2A			N/A
	SIM Slot	N/A			1 x SIM Card Slot	N/A
	TF Slot	N/A				
	OTG Upgrade Button	N/A			1 x UBOOT	N/A
	DP Display	N/A	1 x Type-C and Type-C USB Multiplexing	N/A	1 x Type-C and Type-C USB Multiplexing	N/A
	Power Switch	1 x Power Switch				
IP Rated		IP65				
Power		External Power Adapter, 12V-5A/60W		External Power Adapter, 24V-4A/96W	External Power Adapter, 12V-5A/60W	
WiFi+BT		M.2 Key-E Slot 2230 WiFi2.4-5G/BT4.0 (Optional)		M.2 Key-E Slot 2230 WiFi2.4-5G/BT4.0 (Optional)	WiFi2.4&5G/BT5.0 On Board	N/A
Speaker		2 x 2W Speaker				
OS Support		Windows 10/11, Linux			Android 14.0	N/A
Certification		CE, FCC, UKCA, RoHS				
Environment	Operating Temperature	-10°C ~ 50°C				
	Storage Temperature	-15°C ~ 70°C				
	Operating Humidity	20% - 85% RH Non Condensing				
	Storage Humidity	20% - 85% RH Non Condensing				
Dimension (W x D x H)/Weight (N.W.)		530mm x 57mm x 320mm/6Kg				
Packing Dimension (W x D x H)/Weight (G.W.)		645mm x 165mmx 450mm/8.8Kg				
Wall Mount		VESA 100 x 100mm				
Optional	MSR	MSR+iButton (Combo) or MSR+RFID (Combo), USB(VCOM Optional), 1/2 /3 Track, ISO7810, 7811-1/2/3/4/5, IBM, AAMVA, JIS-2 Standard				N/A
	Fingerprint	U4500 (USB Fingerprint Reader Module)			N/A	N/A
	RFID	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), NFC Protocols - Tag Read/Write (ISO/IEC-18092)				N/A
	Microphones	FY-SP003U, Dual Microphones with Advanced Voice Noise Reduction			N/A	N/A
	Scanner	FM415 (USB, 1D, 2D, Reading Precision: =3mil, Dimension: 49mm x 69mm x 20mm)				N/A
	Camera	5MP Camera (Face Recognition Camera for Option) (Manufacture Default), USB				N/A