



Serve Up Quality, Efficiency & Value:

- · Stylish, modern, and built for intuitive interactive use
- Versatile transaction functionality
- Modular for easy serviceability
- Flexible Configuration

Packed with functionality and convenience in an appealing design, the Paragon TK-3200 Series is a 32" interactive kiosk that is suited for retail stores, quick service and fast casual restaurants. It serves as a seamless extension of the existing POS terminals, helping to drive sales during peak times, and provide efficient order and payment flow.

Stylish, Modern, and Built for Intuitive Interactive Use

Designed with both functionality and aesthetics in mind, the Paragon TK-3200 Series features a bright, high definition 32" PCAP touch screen within a sleek, durable enclosure, providing a contemporary and sophisticated automated user interface.

Versatile Functionalities

Incorporating a wide range of peripherals in self-service applications including 2D scanner, receipt printer, NFC, status indicator, bracket for EMV payment devices, and more.



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Modular for easy Serviceability

Modular design makes installation, maintenance and component replacement easy, fast and convenient, and speeds up the return on investment by reducing repair cost

Flexible Configuration

Mounting options include wall mount, single or dual sided pedestal operation, allowing for flexible deployment.





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PARAGON TK-3200 SERIES

System Configuration	TK-3210	TK-3230	TK-3250
Processor	Rockchip RK3399, Dual-core Cortex A72, Quad-core Cortex A53	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
System Memory	DDR4 4 GB	1x DDR3L SO-DIMM slot, max. 8 GB	2x DDR4 SO-DIMM slot, max. 32 GB
Strorage Device	32 GB eMMC + 1x microSD slot	1x SATA	SSD
Power Supply		1x 12V/84W + 1x 24V/60W	
OS support	Android 9.0/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 loT 64 bit
Serial Port	2x RJ50, 5V/12V support on all COM ports	1x DB9 + 5x RJ50 5V/12V support on all COM ports	
Standard USB Port	1x USB 3.0	1x USB 3.0 + 5x USB 2.0 2x USB 3.0 + 4x USB 2.0	
OTG USB	1x Micro-USB	N/A	
Display Port	1x HDMI	1x MiniDP	
LAN Port	1x 10/100 Mb 1x 10/100/1000 Mb	1x 10/100/1000 Mb	
Audio		2x Internal 3W speaker	
Internal Expansion Slot	N/A	1x M.	2
Display & Touch			
LCD	32"		
Resolution	1920 x 1080		
Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension			
Dimension (WxDxH in mm)	With pole: 495 x 602 x 1859 mm		
Difficultion (WADAIT III IIIII)	With wall mount bracket: 495 x 184 x 1189 mm		
Weight (N. W. in kg)	76 (Single sided) 111(Dual sided) 35 (Wall-mounted)		
Environmental			
Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH -	90%RH (Equipped with SSD)
Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components			
Status Indicator	RGB Color LED Indicator		
Proximity Sensor	Range from 60 cm to 100 cm		
Camera	1MP wide angle camera		
Printer	3" open frame printer w/auto cutter, 250 mm/sec (max.)		
Optional Components			
WiFi	USB dongle	M.2 WiFi/BT	module
Scanner		2D barcode scanner	
EMV Payment Device Bracket Support	Custom bracket support for various EMV payment devices		
MSR	3 tracks ISO or JISII (HID/VCOM selection)		
Fingerprint Sensor	Optical type		
NFC / RFID Reader N/A	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
4G / LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module) by request		
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