POSIFLEX

Self-Service

Customer Engagement



Stellar TK-2100 Series

21.5” Modular Kiosk

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HIGHLIGHTS

- 21.5” true-flat PCAP touch screen
- Flexible configurations: floor-standing, countertop
- Expandable pedestal for extra functionalities: bill acceptance, card dispensing, ticketing and pager dispensing
- Modular design for easy serviceability
- Reversible printing direction
- Ideally for self-service applications in retail, food-service, hospitality, healthcare, ticketing



Windows/Android NFC/RFID reader 2D scanner Fingerprint sensor Status Indicator EMV Supportive*

Versatile Functionality

PT-200BC



Floor-standing
with Card Dispenser & Bill Acceptor

PT-300



Floor-standing
with Ticket Printer



Countertop

PT-200



Floor-standing

PT-500



Floor-standing
with Pager Dispenser

PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-200



PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-200BC



PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-300



PRODUCT SHOWCASE / Stellar TK-2100 Series with Pedestal PT-500



Specifications		TK-2111	TK-2132	TK-2152
Computer	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Elkhart Lake Celeron J6412, up to 2.60 GHz, 1.5M Cache	Intel Tiger Lake UP3 Core i3 Intel Tiger Lake UP3 Core i5
	System Memory	DDR4 4 GB	DDR4 SO-DIMM x 1, max 16 GB	DDR4 SO-DIMM slot x 1, max 32 GB
	Storage Device	32 GB eMMC + microSD slot x 1	M.2 SSD [SATA Signal Only] x 1	M.2 SSD [SATA Signal Only] x 1
	Intel vPro Support	N/A	N/A	Yes, depend on processor
	TPM Support	N/A	TPM 2.0	
	Power Supply	12V/60W x 1 + 24V/60W x 1		
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 10 IoT LTSC / Windows 11 IoT LTSC	
	Serial Port	RJ50 x 2, 5V / 12V support on all COM ports	DB9 x 1 + RJ50 x 2, 5V / 12V support on all COM ports	
	Standard USB Port	6, USB 3.0 x 1 + USB 2.0 x 5	8, USB 3.0 x 2 + USB 2.0 x 6	8, USB 3.0 x 4 + USB 2.0 x 4
	OTG USB	Micro-USB x 1	N/A	
	Display Port	HDMI x 1	HDMI x 1	
	LAN Port	10/100 Mb x 1, 10/100/1000 Mb x 1	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2	
	Internal Expansion Slot	N/A	M.2 x 1	
Display & Touch	LCD	21.5"		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimensions	Dimensions (W x D x H in mm)	Countertop version: 400 x 460 x 832; Floorstanding version: 625 x 610 x 1620		
	Weight (N. W. in kg)	Countertop version: 27.5; Floorstanding version: 60		
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH		
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	Status Indicator	RGB Color LED Indicator		
	Proximity Sensor	Range from 45cm - 80cm (for dark color objectives); Range from 45cm - 150cm (for light color objectives)		
	Camera	1MP wide angle camera		
	Printer	3" Thermal printer w/auto cutter, 250 mm/sec (max.)		
Optional Components	Wi-Fi/ BT	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	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO / IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)		
	Noise-canceling and beamforming microphone	Yes		
	For Pedestal PT-200BC			
	Bill Acceptor	Storing up to 900 notes		
	Card Dispenser	Integrated RFID Reader/Writer, supporting ISO 14443 Type A / B contactless cards; Storing up to 262 cards		
	For Pedestal PT-300			
	Ticket Printer	Fanfolded ticket printer for ticket thickness: .004" to .011", ticket width: 2.0" to 3.25"		

Note: Bill Acceptor & Card Dispenser can be set in the same pedestal PT-200BC, but only the pedestal PT-300 can accommodate Ticket Printer while pedestal PT-500 can only accommodate Pager Dispenser. *Google Play services is not supported by this device. *The product information and specifications are subject to change without prior notice. *Designed and Manufactured in Taiwan by Posiflex Technology, Inc. *Posiflex does not sell the EMV payment devices, but can provide bracket support with an additional charge. *Product specifications and model configurations are subject to change and may vary by global region.

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Certifications

EN20240329V2

Authorized Distributor / Reseller

Specifications		TK-2121	TK-2162
Computer	Processor	MTK Genio G700	Intel Raptor Lake U Core i3-1315UE Intel Raptor Lake U Core i5-1335UE (no vPRO) Intel Raptor Lake U Core i5-1345UE
	System Memory	8GB LPDDR4	DDR5 SO-DIMM x 1, max 32 GB
	Storage Device	128GB eMMC / Micro-SD card socket	M.2 2280 [SATA & NVMe] x 1
	Intel vPro Support	N/A	Yes, Depends on the processor
	TPM Support	N/A	TPM 2.0, Intel PTT
	Power Supply	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 13 EDLA	Windows 10 IoT LTSC / Windows 11 IoT LTSC
	Serial Port	DB9 x 1 + RJ50 x 2, 5V/12V support on all COM ports	
	Standard USB Port	USB 3.0 x 1 + USB 2.0 x 5	USB 3.0 x 3 + USB 2.0 x 5
	OTG USB	USB-C x 1 (enabled by switch)	N/A
	Display Port	HDMI 2.0 x 1 + USB-C x 1	
	LAN Port	EDLA version: LAN x 1 ; Non-EDLA version: LAN x 2	2.5Gbe LAN x 2
	Audio	Speaker out header for support 3W speaker x 2 + Audio mic-in phone jack x 1	
	Internal Expansion Slot	M.2 2230 for Wi-Fi/BT x 1	
Display & Touch	LCD	21.5"	
	Resolution	1920 x 1080	
	Touch	True-flat PCAP touch with multi-touch support	
Physical Dimensions	Dimensions (W x D x H in mm)	Countertop version: 400 x 460 x 832; Floorstanding version: 625 x 610 x 1620	
	Weight (N. W. in kg)	Countertop version: 27.5; Floorstanding version: 60	
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	Storage Condition	-20°C - 70°C, 10%RH - 90%RH	
Standard Components	Status Indicator	RGB Color LED Indicator	
	Proximity Sensor	Range from 45cm - 80cm (for dark color objectives); Range from 45cm - 150cm (for light color objectives)	
	Camera	1MP wide angle camera	
	Printer	3" Thermal printer w/auto cutter, 250 mm/sec (max.)	
Optional Components	Wi-Fi/ BT	Wi-Fi 6/ BT5.2	Wi-Fi 6E/ BT5.3
	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), MSR / fingerprint sensor 2 in 1 module	
	PowerGuard	N/A	
	Fingerprint Sensor	Optical Type	
	NFC/RFID Reader	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO / IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)	
	Noise-canceling and beamforming microphone	Yes	
	For Pedestal PT-200BC		
	Bill Acceptor	Storing up to 900 notes	
	Card Dispenser	Integrated RFID Reader/Writer, supporting ISO 14443 Type A / B contactless cards; Storing up to 262 cards	
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