



Seamless Integration,  
Effortless Efficiency

**Mercury EK-1500 / EK-1600 / EK-2100 / EK-2400 Series**

15" / 15.6" / 21.5" / 23.8" Modular Kiosk



# HIGHLIGHTS

- 15" or 15.6" or 21.5" or 23.8" true-flat PCAP touch screen
- Flexible configurations: floor-standing or countertop
- Modular design for easy serviceability
- A good value kiosk in entry-level category
- Popular uses: product display & advertising, ordering & payment, click & collect, ticketing & e-reservations, wayfinding & customer guidance



Windows/Android



NFC/RFID Reader



2D Scanner



Fingerprint Sensor



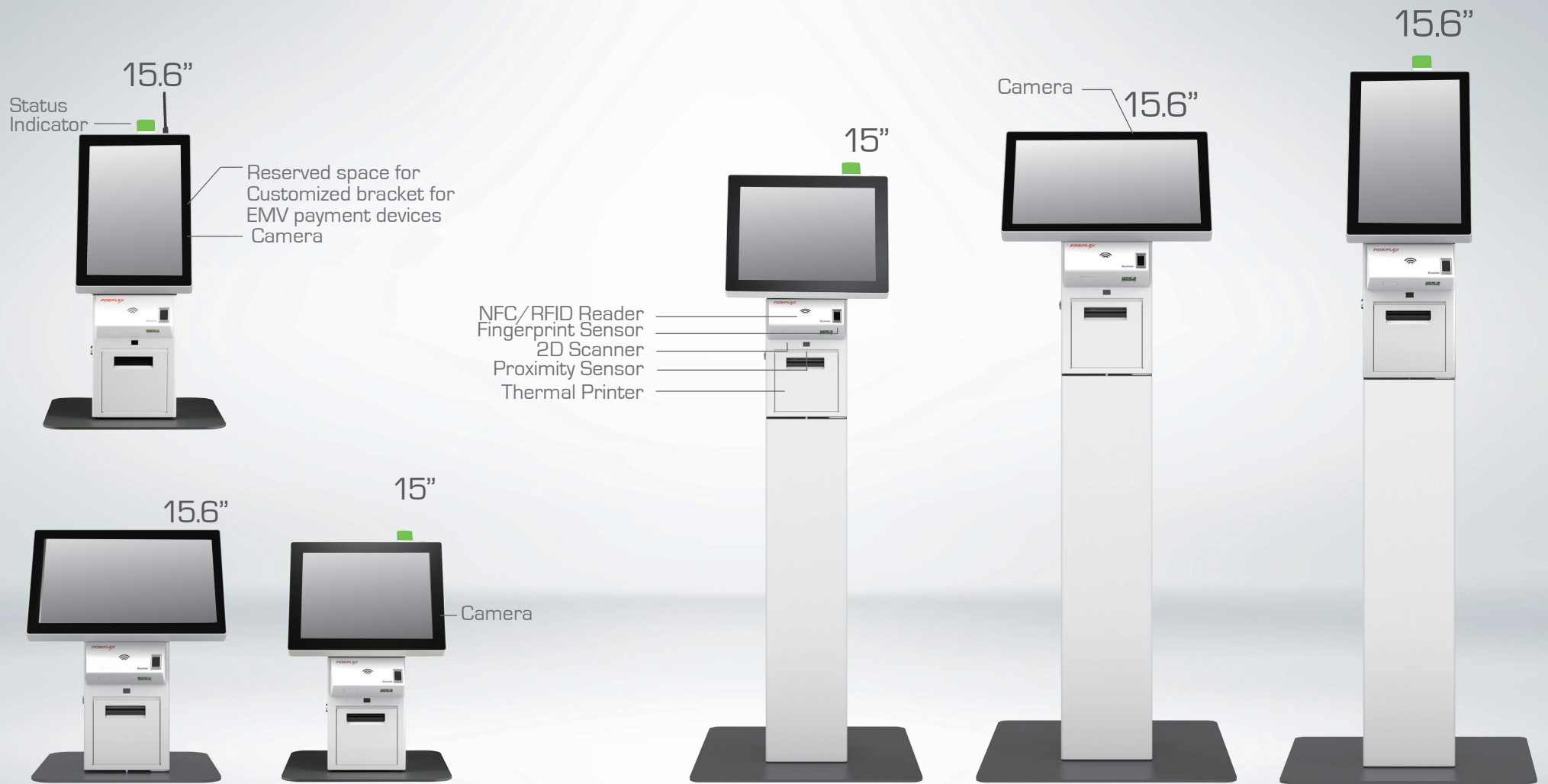
Status Indicator



EMV Supportive\*



# PRODUCT SHOWCASE / Mercury EK-1500 / EK-1600



COUNTERTOP

FLOOR-STANDING

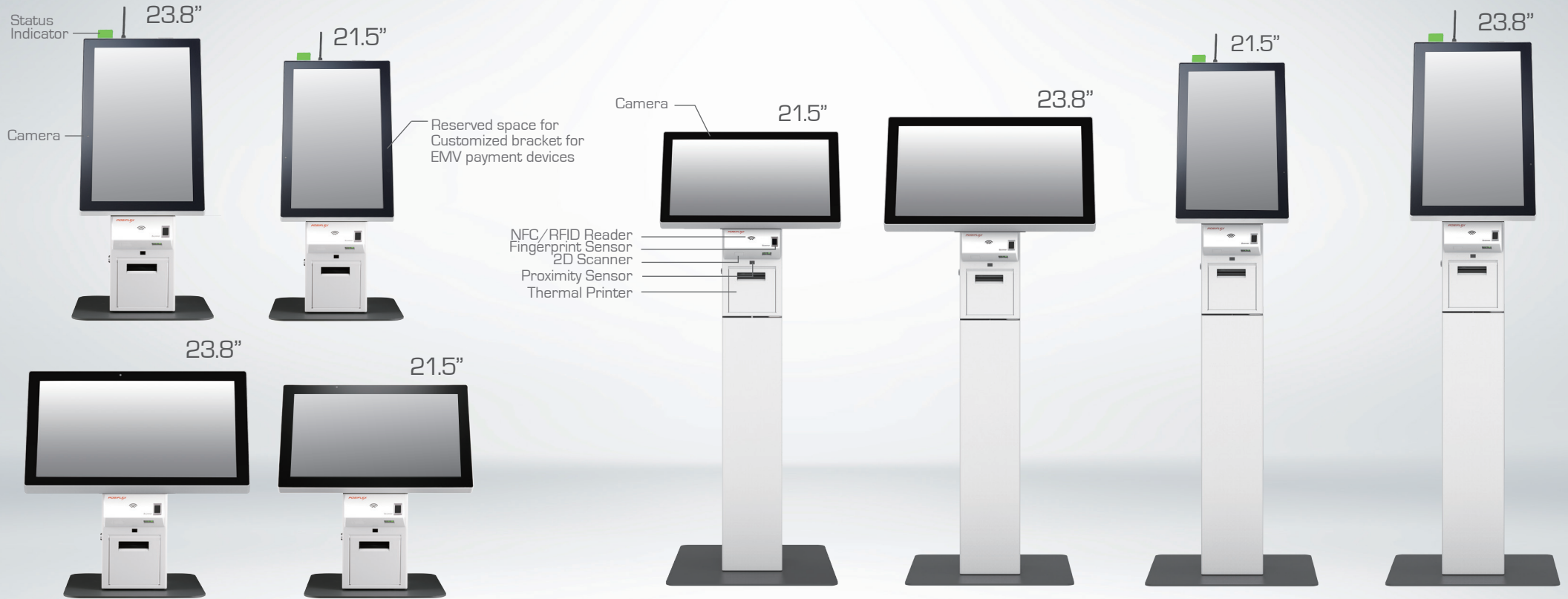
Specifications		Mercury EK-1500/EK-1600 Series		
Computer		EK-1510/EK-1610	EK-1530/EK-1630	EK-1550/EK-1650
	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	Intel Bay Trail J1900 Quad Core, up to 2.42 GHz, 2M Cache	Intel Kaby Lake U Core i3/i5
	System Memory	DDR4 4 GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	32 GB eMMC + microSD slot x 1	M.2 SSD [SATA Signal Only] x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ50 x 2, 5V/12V support on all COM ports	3, 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 1 + USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	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	15" for EK-1500 Series / 15.6" for EK-1600 Series		
	Resolution	1024 x 768 for EK-1500 Series / 1920 x 1080 for EK-1600 Series		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension (W x D x H in mm)	Countertop version (Landscape): 395 x 395 x 550, Floorstanding version (Landscape): 500 x 500 x 1325 for EK-1500 Series		
		Countertop version (Portrait): 395 x 395 x 646, Floorstanding version (Portrait): 500 x 500 x 1420 Countertop version (Landscape): 395 x 395 x 513, Floorstanding version (Landscape): 500 x 500 x 1286 for EK-1600 Series		
	Weight (N. W. in kg)	Countertop version: 18.8; Floorstanding version: 31 for EK-1500 Series		
		Countertop version: 18.2; Floorstanding version: 30.4 for EK-1600 Series		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH		
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
Standard Components	Proximity Sensor	1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object)		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/ auto cutter, 200 mm/sec (max.)		
Optional Components	Status Indicator	RGB Color LED Indicator (for EK-1600 Series portrait mode only)		
	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		
	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)		
4G/LTE Communication	N/A (for EK-1500 Series); Support selected bands & countries with full SIM slot (mini-PCIe module) by request (for EK-1600 Series)			

\*Google Play services is not supported by this device.\*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.

\*The product information and specifications are subject to change without prior notice.



# PRODUCT SHOWCASE / Mercury EK-2100 / EK-2400 Series



COUNTERTOP

FLOOR-STANDING

Specifications		Mercury EK-2100/EK-2400 Series		
Computer		EK-2110	EK-2130/EK-2430	EK-2150/EK-2450
	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	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	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
	Storage Device	32 GB eMMC + microSD slot x 1	M.2 SSD [SATA Signal Only] x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Optional
	TPM Support	N/A	Optional	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Windows 7/POSReady 7/Windows Embedded 8.1 Industry/Windows 10 IoT	Windows 10 IoT 64 bit
	Serial Port	RJ45 x 2, 5V/12V support on all COM ports	3, DB9 x 1 + RJ45 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 1+ USB 2.0 x 7	8, USB 3.0 x 2 + USB 2.0 x 6
	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" for EK-2100 Series / 23.8" for EK-2400 Series		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimension	Dimension (W x D x H in mm)	Countertop version (Portrait): 395 x 395 x 774, Countertop version (Portrait): 395 x 395 x 774 Countertop version (Landscape): 540 x 395 x 588, Floorstanding version (Landscape): 540 x 500 x 1362 for EK-2100 Series TBA for EK-2400 Series		
	Weight (N. W. in kg)	Countertop version: 22.6; Floorstanding version: 34.8 for EK-2100 Series TBA for EK-2400 Series		
Environmental	Operating Condition	0°C - 50°C, 20%RH - 90%RH		
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
Standard Components	Proximity Sensor	1. Range from 45cm ~ 80cm (for dark color object) 2. Range from 45cm ~ 150cm (for light color object)		
	Camera	1MP wide angle camera		
	Printer	3" thermal printer w/ auto cutter, 200 mm/sec (max.)		
Optional Components	Status Indicator	RGB Color LED Indicator (for EK-1600 Series portrait mode only)		
	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		
	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)		
4G/LTE Communication	Support selected bands & countries with full SIM slot (mini-PCIe module) by request (for EK-1600 Series)			

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Certifications



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Authorized Distributor / Reseller