



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



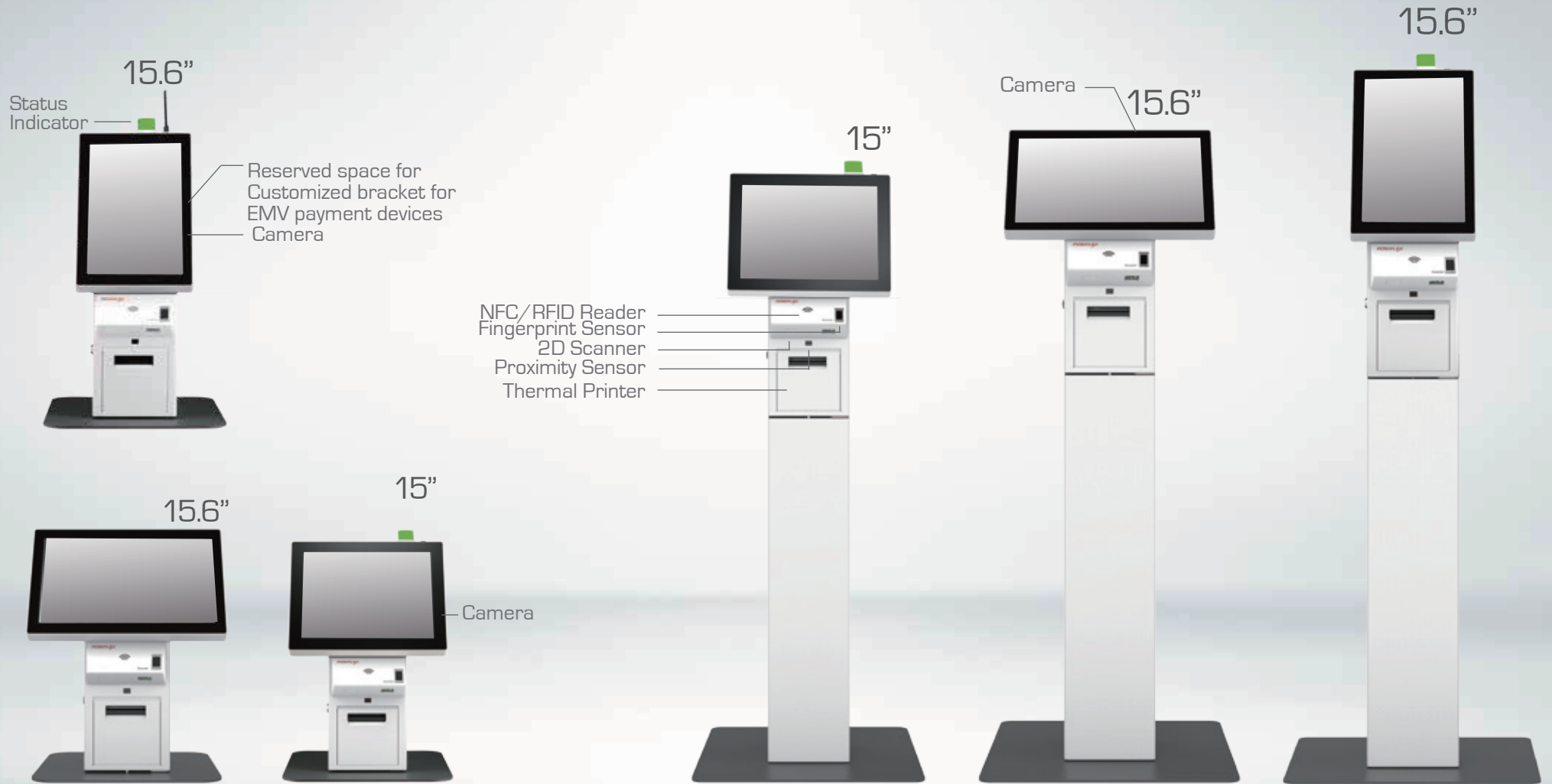
Status Indicator



EMV Supportive\*



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



COUNTERTOP

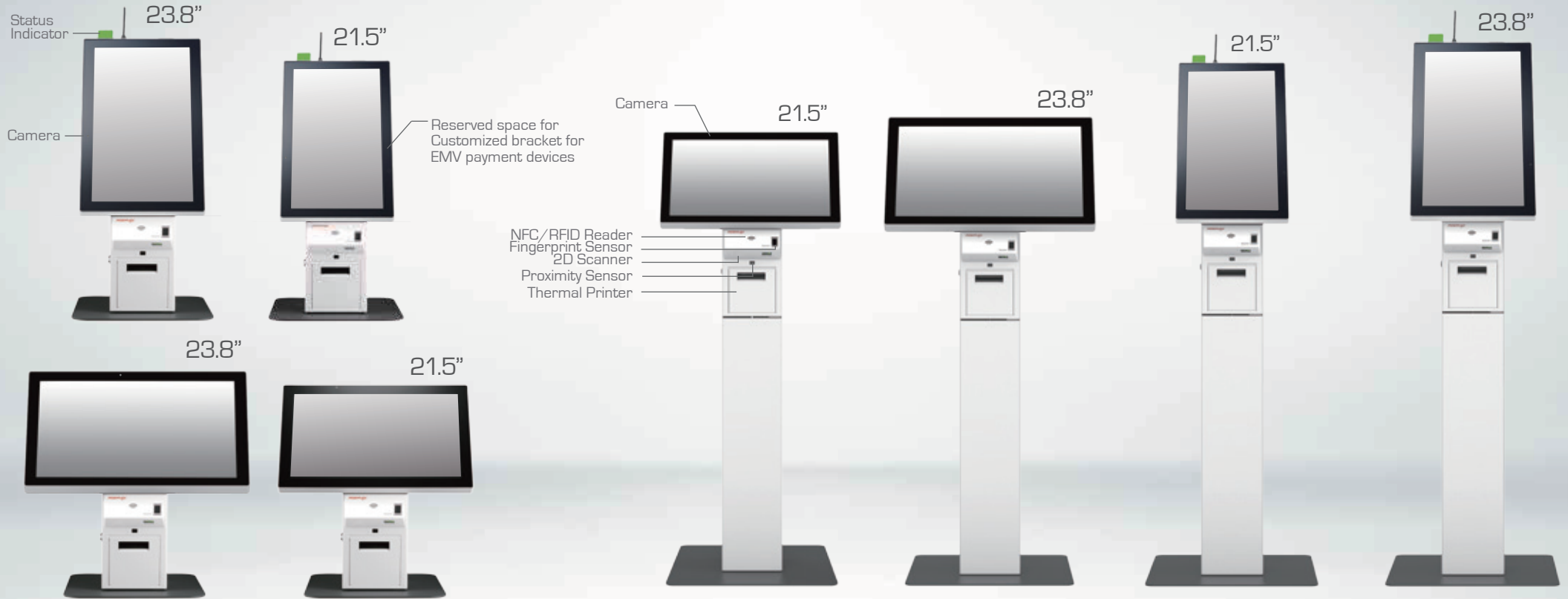
FLOOR-STANDING

Specifications		Mercury EK-1500/EK-1600 Series		
		EK-1510/EK-1610	EK-1532/EK-1632	EK-1552/EK-1652
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 Intel Tiger Lake UP3 Core i7
	System Memory	DDR4 4 GB	DDR4 SO-DIMM slot 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	
	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	2, 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 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	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	Dimensions (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 - 40°C, 20%RH - 90%RH		
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
Standard Components	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, 200 mm/sec (max.)		
Optional Components	Status Indicator	RGB Color LED Indicator (for EK-1600 Series portrait mode only)		
	WiFi	USB dongle (cannot coexist with 4G/LTE)		
	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 specifications and model configurations are subject to change and may vary by global region.

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



COUNTERTOP

FLOOR-STANDING

# Specifications

## Mercury EK-2100/EK-2400 Series

	EK-2110/EK-2410	EK-2132/EK-2432	EK-2152/EK-2452	
<b>Computer</b>	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 Intel Tiger Lake UP3 Core i7
	System Memory	DDR4 4 GB	DDR4 SO-DIMM slot 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	
	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	2,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	
<b>Display &amp; Touch</b>	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		
<b>Physical Dimension</b>	Dimensions (W x D x H in mm)	Countertop version (Portrait): 395 x 395 x 774, Floorstanding version (Portrait): 500 x 500 x 1546 Countertop version (Landscape): 540 x 395 x 588, Floorstanding version (Landscape): 540 x 500 x 1362 for EK-2100 Series		
		Countertop version (Portrait): 395 x 395 x 802, Floorstanding version (Portrait): 500 x 500 x 1576 Countertop version (Landscape): 575 x 395 x 601, Floorstanding version (Landscape): 575 x 500 x 1377 for EK-2400 Series		
	Weight (N. W. in kg)	Countertop version: 22.6 Floorstanding version: 34.8 for EK-2100 Series		
		Countertop version: 23.2; Floorstanding version: 35.4 for EK-2400 Series		
<b>Environmental</b>	Operating Condition	0°C - 40°C, 20%RH - 90%RH		
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
<b>Standard Components</b>	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, 200 mm/sec (max.)		
<b>Optional Components</b>	Status Indicator	RGB Color LED Indicator (for portrait mode only)		
	WiFi	USB dongle (cannot coexist with 4G/LTE)		
	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)			

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Certifications



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Authorized Distributor / Reseller