



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



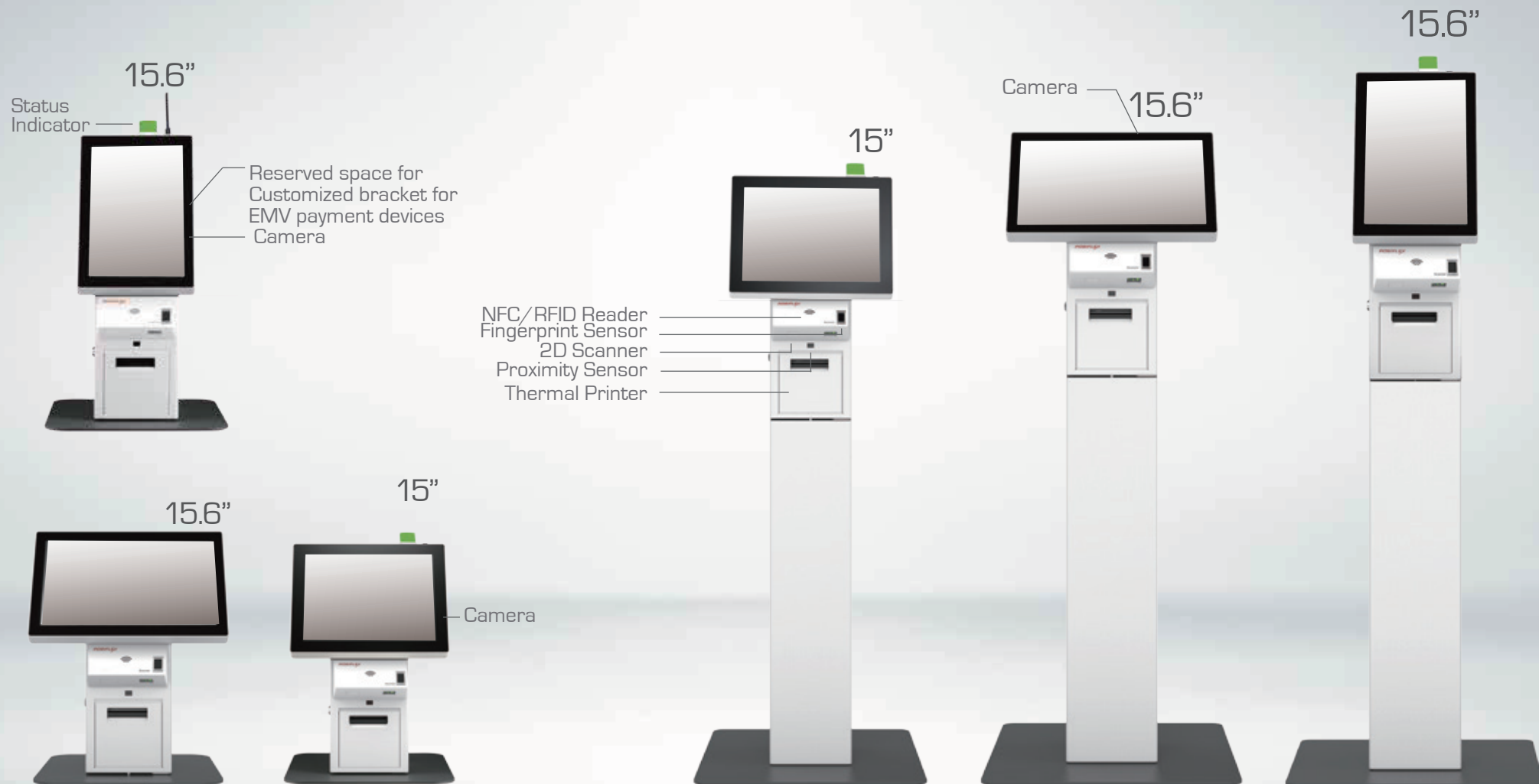
Status Indicator



EMV Supportive*



PRODUCT SHOWCASE / Mercury EK-1500 / EK-1600



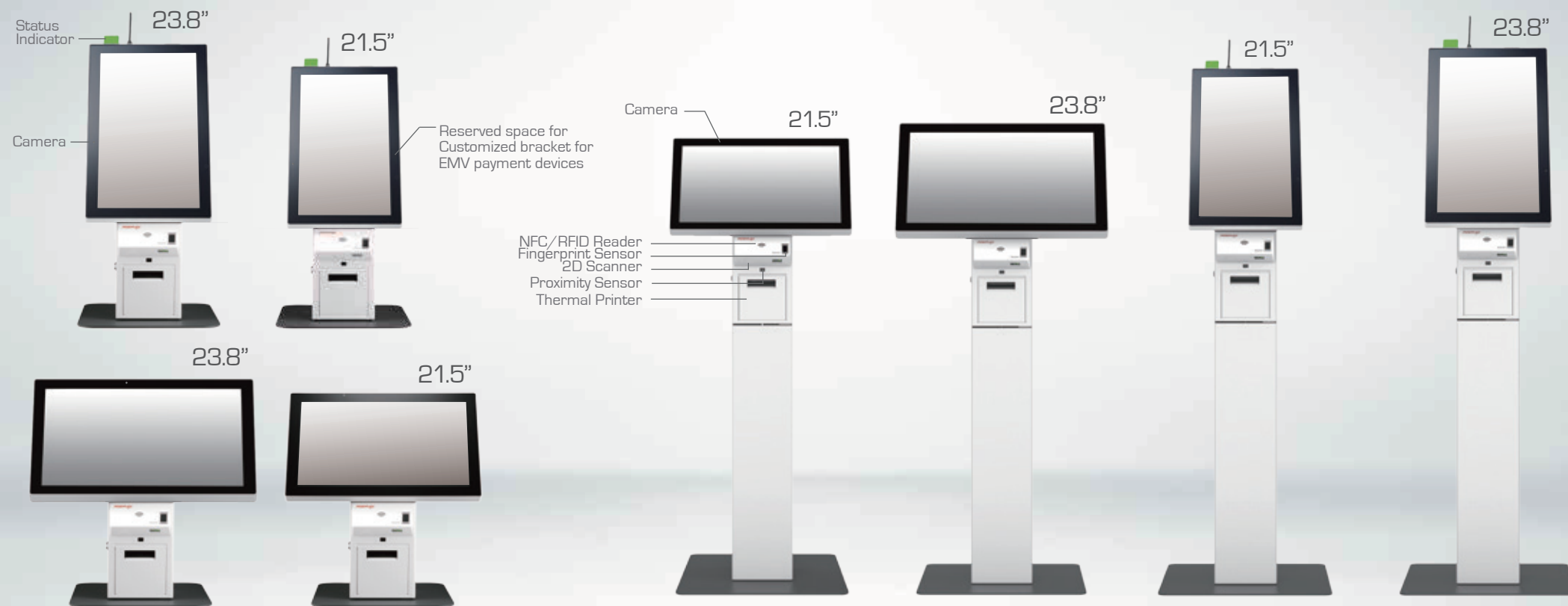
COUNTERTOP

FLOOR-STANDING

Specifications			Mercury EK-1500/EK-1600 Series						
Computer		EK-1510/EK-1610		EK-1520/EK-1620		EK-1532/EK-1632		EK-1552/EK-1652	
	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz+ Quad-core Cortex A53 up to 1.4GHz		MTK Genio G700		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		LPDDR4 8GB		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		64GB eMMC. Option:128GB eMMC.		M.2 SSD [SATA Signal Only] x 1			
	Intel vPro Support	N/A		N/A		N/A		Yes, depend on processor	
	TPM Support	N/A		N/A		TPM 2.0			
	Power Supply	12V/60W x 1 + 24V/60W x 1		12V/60W x 1 + 24V/60W x 2		12V/60W x 1 + 24V/60W x 1			
	OS Support	Android 9.0*/Android 10.0 with GMS		Android 13 (Optional EDLA Certification)		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		3, 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 1+ USB 2.0 x 5		USB 3.0 x 2+ USB 2.0 x 6		USB 3.0 x 4 + USB 2.0 x 4	
	OTG USB	Micro-USB x 1		USB-C x 1		N/A			
	Display Port	HDMI x 1		HDMI x 1 + USB-C x 1		HDMI x 1			
	LAN Port	10/100 Mb x 1 10/100/1000 Mb x 1		Giga LAN (Default) x 1 Additional option w/o EDLA: Giga LAN x 1 + 10/100Mbps x 1		10/100/1000 Mb x 2			
	Audio	Internal 3W speaker x 2		Speaker out header for support 3W speaker x 2 + MIC jack x 1		Internal 3W speaker x 2			
	Internal Expansion Slot	N/A		TF Card, Support SDXC, up to 1TB		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 (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	Status Indicator	RGB Color LED Indicator (for EK-1600 Series portrait mode only)							
	Proximity Sensor	Range from 45cm ~ 80cm (for dark color objectives); Range from 45cm ~ 150cm (for light color objectives)							
	Camera Module	1MP wide angle camera							
	Printer Module	3" thermal printer w/auto cutter, 200 mm/sec (max.)							
Optional Components	Wi-Fi / BT	USB dongle (cannot coexist with 4G/LTE)	Wi-Fi 6/ BT5.2		USB dongle (cannot co exist with 4G/LTE)				
	Scanner Module	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)	Support selected bands & countries with full SIM slot by request (cannot coexist with Wi-Fi)		N/A (for EK-1500 Series); Support selected bands & countries with full SIM slot (mini-PCIe module) by request (for EK-1600 Series)				
	Microphone	Yes							

*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			
Computer		EK-2110/EK-2410	EK-2120/EK-2420	EK-2132/EK-2432	EK-2152/EK-2452
	Processor	Rockchip RK3399, Dual-core Cortex A72 up to 1.8GHz + Quad-core Cortex A53 up to 1.4GHz	MTK Genio G700	up to 2.60 GHz, 1.5M Cache Intel Elkhart Lake Celeron J6412,	Intel Tiger Lake UP3 Core i3 Intel Tiger Lake UP3 Core i7 Intel Tiger Lake UP3 Core i5
	System Memory	DDR4 4 GB	LPDDR4 8GB	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	64GB eMMC. Option:128GB eMMC.	M.2 SSD [SATA Signal Only] x 1	
	Intel vPro Support	N/A	N/A	N/A	Yes, depend on processor
	TPM Support	N/A	N/A	N/A	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 2	12V/60W x 1 + 24V/60W x 1	
	OS Support	Android 9.0*/Android 10.0 with GMS	Android 13 (Optional EDLA Certification)	Windows 10 IoT LTSC / Windows 11 IoT LTSC	
	Serial Port	2,RJ50 x 2, 5V/12V support on all COM ports	DB9 x 1 + 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	USB 3.0 x 1+ USB 2.0 x 5	USB 3.0 x 1+ USB 2.0 x 5	USB 3.0 x 2 + USB 2.0 x 6	USB 3.0 x 4 + USB 2.0 x 4
	OTG USB	Micro-USB x 1	USB-C x 1	N/A	
	Display Port	HDMI x 1	HDMI x 1 + USB-C x 1	HDMI x 1	
	LAN Port	10/100 Mb x 1 10/100/1000 Mb x 1	Giga LAN (Default) x 1 Additional option w/o EDLA: Giga LAN x 1 + 10/100Mbps x 1	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Speaker out header for support 3W speaker x 2 + MIC jack x 1	Internal 3W speaker x 2	
	Internal Expansion Slot	N/A	TF Card, Support SDXC, up to 1TB	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	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 1375 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			
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH			
	Storage Condition	-20°C - 70°C, 10%RH - 90%RH			
	Status Indicator	RGB Color LED Indicator (for portrait mode only)			
	Proximity Sensor	Range from 45cm ~ 80cm (for dark color objectives); Range from 45cm ~ 150cm (for light color objectives)			
	Camera Module	1MP wide angle camera			
	Printer Module	3" thermal printer w/ auto cutter, 200 mm/sec [max.]			
	WiFi Module	USB dongle (cannot coexist with 4G/LTE)	Wi-Fi 6/ BT5.2	USB dongle (cannot coexist with 4G/LTE)	
Optional Components	Scanner Module	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 by request (cannot coexist with Wi-Fi)			
	Microphone	Yes			

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