

MERCURY EK-1500 / EK-1600 / EK-2100 / EK-2400 SERIES

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



Highlights:

- 15", 15.6", 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



Windows/Android



NFC/RFID Reader



2D Scanner



Status Indicator



EMV Supportive*



Fingerprint Sensor

Popular Uses:

- Product display & advertising
- Ordering & payment
- Click & collect
- Ticketing & e-reservations
- Wayfinding & customer guidance



FOR MORE INFORMATION
CALL +49 8152 3962500
OR VISIT US AT KIOSK.EU

Mercury EK Series is a standard kiosk design series providing off-the-shelf enclosures that can accommodate a wide array of configurations. This design features a 15.6-inch or 21.5-inch LCD mounted in portrait or landscape presentation. Enclosure base options include a full-height pedestal for free-standing deployment, or a smaller base option for compact countertop installation needs.

The Mercury combines a brilliant Projective Capacitive (PCAP) touch display paired with a flush-mounted PC, providing all-in-one space efficiency. The zero-bezel flush face and minimalist lines complement any retail or hospitality setting. Mercury transaction component options include a side-mounted payment device (multiple), a receipt printer, a 2D barcode scanner and a proximity sensor.

All components in the Mercury (except the preferred payment device) are manufactured by KIOSK's Parent Company, Posiflex. Posiflex is World Leader in Point of Sale terminals and related POS componentry. They are best known for highly reliable devices with lifecycles that far exceed industry averages. Because the enclosure metals and components are self-supplied (and stocked), KIOSK can provide attractive pricing and lead-time on this popular design series.



If you have questions or would like additional information, please contact us at sales@kiosk.eu and we can advise about these future-focused options for your specific business goals.

MERCURY EK-1500/EK-1600 SERIES SPECIFICATIONS

Computer	EK-1510 / EK-1610	EK-1532 / EK-1632	EK-1550 / EK-1650	EK-1552 / EK-1652
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 KabyLake-U Core i3-7100U, 2.40 GHz, 3M Cache; Intel KabyLake-U Core i5-7300U, up to 3.50 GHz, 3M 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	Core i3: N/A Core i5: Optional	Yes, depend on processor
TPM Support	N/A	TPM 2.0	Optional	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 64 bit/ Windows 11	Windows 10 IoT 64 bit	Windows 10 IoT 64 bit/ Windows 11
Serial Port	2, 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 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				
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 (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)			

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

MERCURY EK-2100/EK-2400 SERIES SPECIFICATIONS

Computer	EK-2110 / EK-2410	EK-2132 / EK-2432	EK-2150 / EK-2450	EK-2152 / EK-2452
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 KabyLake-U Core i3-7100U, 2.40 GHz, 3M Cache; Intel Kaby-Lake-U Core i5-7300U, up to 3.50 GHz, 3M 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	Core i3: N/A Core i5: Optional	Yes, depend on processor
TPM Support	N/A	TPM 2.0	Optional	TPM 2.0 ^{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 64 bit/ Windows 11	Windows 10 IoT 64 bit	Windows 10 IoT 64 bit/ Windows 11
Serial Port	2,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 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" 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, 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 804, Floorstanding version (Portrait): 500 x 500 x 1576 Countertop version (Landscape): 540 x 395 x 596, Floorstanding version (Landscape): 540 x 500 x 1370 for EK-2400 Series			
Weight (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			
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 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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