

# MERCURY EK-1600 / EK-2100 SERIES

15.6" / 21.5" Modular Kiosk



## Highlights:

- 15.6" or 21.5" 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\*

## 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](http://KIOSK.EU)

## MERCURY EK-1600 / EK-2100 SERIES

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](mailto:sales@kiosk.eu) and we can advise about these future-focused options for your specific business goals.

# MERCURY EK-1600 SERIES

Specification	EK-1610	EK-1630	EK-1650
Processor	Dual Cortex-A72 + Quad Cortex-A53	Intel Bay Trail J1900, Quad Core, up to 2.42 GHz, 2M Cache	Intel 7th Generation Kaby Lake U Core i3/i5
System Memory	DDR4, 2 GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
Storage Device	16 GB eMMC	SATA SSD x 1	
Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
OS Support	Android 9.0	Win 7/POSReady 7/ WE 8.1 Industry/Win 10 IoT	Windows 10 IoT 64 bit
Serial Port	RJ50 x 2	3, RJ50 x 2 + DB9 x 1	
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	1, micro-USB x 1	N/A	
Display Port	HDMI x 1		
LAN Port	10/100/1000 Mb x 2	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	15.6"		
Resolution	1920 x 1080		
Touch	True-flat PCAP touch with multi-touch support		
<b>Physical Dimension</b>			
Dimension (Height, Width, Depth in millimeters)	Countertop version Portrait: 395 x 395 x 646, Landscape: 395 x 395 x 513 Floorstanding version Portrait: 500 x 500 x 1420, Landscape: 500 x 500 x 1286		
Weight (in kilograms)	Countertop version: 18.2 Floorstanding version: 30.4		
<b>Environmental</b>			
Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
<b>Standard Components</b>			
Proximity Sensor	Range from 60 cm to 100 cm		
Camera	1MP wide angle camera		
Printer	3" thermal printer w/auto cutter, 200 mm/sec (max.)		
<b>Optional Components</b>			
WiFi	USB dongle	M.2 WiFi/BT module	
Status Indicator	RGB Color LED Indicator (for portrait mode only)		
Scanner	2D barcode scanner		
EMV Payment Device Bracket Support	Custom bracket support for various EMV payment devices		
NFC / RFID Reader	N/A	Support ISO/IEC 14443-A&B (MIFARE), JIS x 6319-4 (Felica), ISO/IEC 15693, NFC protocols - tag read/write (ISO/IEC-18092)	
Scanner	Support selected bands & countries with full SIM slot (mini-PCIe module) by request		

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

# MERCURY EK-2100 SERIES

Specification	EK-2110	EK-2130	EK-2150
Processor	Dual Cortex-A72 + Quad Cortex-A53	Intel Bay Trail J1900, Quad Core, up to 2.42 GHz, 2M Cache	Intel 7th Generation Kaby Lake U Core i3/i5
System Memory	DDR4, 2 GB	DDR3L SO-DIMM slot x 1, max. 8 GB	DDR4 SO-DIMM slot x 1, max. 16 GB
Storage Device	16 GB eMMC	SATA SSD x 1	
Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1	
OS Support	Android 9.0	Win 7/POSReady 7/ WE 8.1 Industry/Win 10 IoT	Windows 10 IoT 64 bit
Serial Port	RJ50 x 2	3, RJ50 x 2 + DB9 x 1	
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	1, micro-USB x 1	N/A	
Display Port	HDMI x 1		
LAN Port	10/100/1000 Mb x 2	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"		
Resolution	1920 x 1080		
Touch	True-flat PCAP touch with multi-touch support		
<b>Physical Dimension</b>			
Dimension (Height, Width, Depth in millimeters)	Countertop version Portrait: 395 x 395 x 774, Landscape: 395 x 395 x 588 Floorstanding version Portrait: 500 x 500 x 1548, Landscape: 500 x 500 x 1362		
Weight (in kilograms)	Countertop version: 22.6 Floorstanding version: 34.8		
<b>Environmental</b>			
Operating Condition	0°C - 50°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)	
Storage Condition	-20°C - 70°C, 10%RH - 90%RH		
<b>Standard Components</b>			
Proximity Sensor	Range from 60 cm to 100 cm		
Camera	1MP wide angle camera		
Printer	3" thermal printer w/auto cutter, 200 mm/sec (max.)		
<b>Optional Components</b>			
WiFi	USB dongle	M.2 WiFi/BT module	
Status Indicator	RGB Color LED Indicator (for portrait mode only)		
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