



Built to Fit in and
Get Down to Your Business

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
- Popular uses: product display & advertising, ordering & payment, click & collect, ticketing & e-reservations, wayfinding & customer guidance



Windows/Android



NFC/RFID reader



2D scanner



Status Indicator



EMV Supportive*



PRODUCT SHOWCASE / Mercury EK-1600 / 2100 Series



Specifications		Mercury EK-1600 Series			Mercury EK-2100 Series		
Computer		EK-1610	EK-1630	EK-1650	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	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	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		16 GB eMMC	SATA SSD x 1	
	Intel vPro Support	N/A	N/A	Core i3: N/A Core i5: Yes (for option)	N/A	N/A	Core i3: N/A Core i5: Yes (for option)
	TPM Support	N/A	Yes (for option)		N/A	Yes (for option)	
	Power Supply	12V/60W x 1 + 24V/60W x 1	12V/60W x 1 + 24V/60W x 1		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	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		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	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		1, micro USB x 1	N/A	
	Display Port	HDMI x 1	HDMI x 1		HDMI x 1	HDMI x 1	
	LAN Port	10/100/1000 Mb x 2	10/100/1000 Mb x 2		10/100/1000 Mb x 2	10/100/1000 Mb x 2	
	Audio	Internal 3W speaker x 2	Internal 3W speaker x 2		Internal 3W speaker x 2	Internal 3W speaker x 2	
Internal Expansion Slot	N/A	M.2 x 1		N/A	M.2 x 1		
Display & Touch	LCD	15.6"			21.5"		
	Resolution	1920 x 1080			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 646 Floorstanding version (Portrait): 500 x 500 x 1420			Countertop version (Portrait): 395 x 395 x 774 Floorstanding version (Portrait): 500 x 500 x 1548		
	Weight (N. W. in kg)	Countertop version: 18.2 Floorstanding version: 30.4			Countertop version: 22.6 Floorstanding version: 34.8		
Environmental	Operating Condition	0°C - 40°C, 20%RH - 90%RH	0°C - 50°C, 20%RH - 90%RH (Equipped with SSD)		0°C - 40°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			-20°C - 70°C, 10%RH - 90%RH		
Standard Components	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.)					
Optional Components	WiFi	USB dongle	M.2 WiFi/BT module		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)		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)	
4G LTE	Support selected bands & countries with full SIM slot (mini-PCIe module) by request						

*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.



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Certifications



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