POSIFLEX

Seamless Access,

Effortless Engagement



HK-2100/HK-1600 Series

21”/15.6” Modular Kiosk

HK-2100/HK-1600 Series

Specifications		HK-2110/HK-1610	HK-2132/HK-1632	HK-2152/HK-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 i3-1115G4E , up to 3.90 GHz, 6M Cache Intel Tiger Lake UP3 Core i5-1145G7E , up to 4.10 GHz, 8M Cache
	System Memory	DDR4 4 GB	DDR4 SO-DIMM x 1, max 16GB	DDR4 SO-DIMM slot x 1, max. 32 GB
	Storage Device	32GB eMMC + microSD slot x 1	M.2 SSD [SATA Signal Only] x 1	
	Intel vPro Support	N/A	N/A	Yes, depend on CPU
	TPM Support	N/A	TPM 2.0	
	Power Supply	24V/120W	24V/120W	
	OS Support	Android 9.0* / Android 10.0 with GMS	Windows 10 IoT LTSC / Windows 11 LTSC	
	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 1	Internal 3W speaker x 1	
	Internal Expansion Slot	N/A	M.2 x 1	
Display & Touch	LCD	21.5" for HK-2100 Series 15.6" for HK-1600 Series		
	Resolution	1920 x 1080		
	Touch	True-flat PCAP touch with multi-touch support		
Physical Dimensions	Dimensions (W x D x H in mm)	497.6 x 441.3 x 814.9 for HK-2100 Series 460.6 x 441.3 x 677.8 for HK-1600 Series		
	Weight (N. W. in kg)	28.5 kg for HK-2100 Series 25.5 kg for HK-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		
	Proximity Sensor	Range from 45cm - 80cm ; Range from 45cm - 150cm		
	Camera	1MP wide angle camera		
	Scanner	2D barcode scanner		
	Printer	3" thermal printer w/auto cutter, 250 mm/sec (max.)		
	Card Dispenser/Recyclerer	Supporting ISO/IEC 14443 Type A/B contactless cards; Storing up to 150pcs cards, 0.9-1.4mm thickness card is standard		
Optional Components	Passport Reader	DESKO PENTA Cube / 4X Cube	DESKO PENTA Cube / 4X Cube, PLUSTEK X50	
	WiFi	Wi-Fi 5 & BT4.2 (USB dongle; cannot coexist with 4G/LTE)		
	EMV Payment Device Bracket Support	Custom bracket support for various EMV payment devices		
	4G/LTE Communication	Support selected bands & countries with full SIM slot by request		
	Noise Cancellation Microphone Module	No		

*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.

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Certifications

EN20240513_V2

Authorized Distributor / Reseller

HK-2100/HK-1600 Series

Specifications		HK-1620/2120	HK-1662/2162
Computer	Processor	MTK Genio G700	Intel Raptor Lake U Core i3-1315UE Intel Raptor Lake U Core i5-1335UE (no vPRO) Intel Raptor Lake U Core i5-1345UE
	System Memory	LPDDR4 8GB	DDR5 SO-DIMM x 1, max.32GB
	Storage Device	128GB eMMC / Micro-SD card socket	M.2 2280 x 1 (SATA & NVMe)
	Intel vPro Support	N/A	Yes, Depends on the Processor
	TPM Support	N/A	TPM 2.0, Intel PTT
	Power Supply	24V/120W	24V/120W
	OS Support	Android 13 EDLA	Windows 10 IoT LTSC / Windows 11 LTSC
	Serial Port	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 3 + USB 2.0 x 5
	OTG USB	USB-C x 1 (enabled by switch)	N/A
	Display Port	HDMI 2.0 x 1 + USB-C x 1	HDMI 2.0 x 1 + USB-C x 1
	LAN Port	EDLA version: LAN x 1 ; Non-EDLA version: LAN x 2	2.5Gbe LAN x 2
	Audio	Internal 3W speaker x 2 + Audio mic-in phone jack x 1	
	Internal Expansion Slot	M.2 2230 for Wi-Fi/BT x 1	
Display & Touch	LCD	15.6"/21.5" TFT LCD with LED backlight	
	Resolution	1920 x 1080	
	Touch	True-flat PCAP touch with multi-touch support	
Physical Dimensions	Dimensions (W x D x H in mm)	HK-1620/1662: 460.6 x 441.3 x 677.8 ; HK-2120/2162: 497.6 x 441.3 x 814.9	
	Weight (N. W. in kg)	HK-1620/1662: 25 kg ; HK-2120/2162: 28 kg	
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	
	Proximity Sensor	Range from 45cm ~ 80cm (for dark color objectives); Range from 45cm ~ 150cm (for light color objectives)	
	Camera	1MP wide angle camera	
	Scanner	2D barcode scanner	
	Printer	3" thermal printer w/auto cutter, 250 mm/sec (max.)	
	Card Dispenser/Recyclerer	Recyclable, 150 pcs card capacity, Contactless compliant：ISO/IEC 14443 Type A and Type B Card conditions: Length: 85.47~89.90mm ; Width: 53.92~54.18mm ; Thickness: 0.76±0.1mm	
Optional Components	Passport Reader	DESKO PANTA Cube / 4X Cube	DESKO PANTA Cube / 4X Cube / Plustek X50
	WiFi	Wi-Fi 6/ BT5.2	Wi-Fi 6E / BT 5.3
	EMV Payment Device Bracket Support	Custom bracket support for various EMV payment devices.	
	4G/LTE Communication	Selected LTE bands & regional variants available upon request (full-size SIM slot) * Android 13 non-EDLA version only. * Cannot coexist with Wi-Fi	Selected LTE bands & regional variants available upon request (full-size SIM slot)
	Noise Cancellation Microphone Module	Yes	

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