BIGPOS®

BIGPOS® is a whole new self-service kiosk for retail stores and quick-service restaurants. It delivers an elegant look, easy installation, and quick maintenance.

BIGPOS® Features

| Compact slim design | Flexible installation (Floor/Wall/Table) | Options (Scanner, MSR/SCR, NFC etc.) | OS Support |

BIGPOS® System

	BIGPOS® AP	BIGPOS® AN	BIGPOS® EL	BIGPOS® A2
System				
	Windows			Android
Processors	Intel® Core™ i5-1235U Processor 12M Cache, up to 4.40 GHz Intel® Core™ i3-1215U Processor 10M Cache, up to 4.40 GHz	Intel® Processor N97 6M Cache, up to 3.60 GHz	Intel® Celeron® Processor J6412 1.5M Cache, up to 2.60 GHz	RK3399 Dual-core Cortex-A72 up to 1.8GHz Quad-core Cortex-A53 up to 1.4GHz
Chipset	Intel® Alder Lake-P	Intel® Alder Lake-N	Intel® Elkhart Lake	
Memory	4GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 64GB)	4GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 16GB)	4GB Standard, DDR4 3200 MT/s, Socket 1 x SODIMM (Max. 32GB)	4GB Standard, LPDDR4, On-board
Storage	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI			eMMC 32GB, On-board (Max.64GB)
Raid	Raid 0, 1	-		
Operating Systems	Windows 10 version 21H1 or higher		Windows 10 IoT Enterprise LTSC	Android 9.0/ 12
Audio	HD Audio Codec			

BIGPOS®

Superior performance

Powerful performance

Android RK3399

BIGPOS® Display

27"

21.5"

	BIGPOS® AP	BIGPOS® AN	BIGPOS® EL	BIGPOS® A2
Display				
	BIGPOS® AP-2700	BIGPOS® AN-2700	BIGPOS® EL-2700	BIGPOS® A2-2700
Type	27" TFT LCD, LED Backlight			
Resolution	1080 x 1920			
Brightness	300 cd/m² (typ.)			
Touchscreen	Projected Capacitive Touch			
Response	12 ms			
Contrast Ratio	3000 (typ.)			
	BIGPOS® AP-2150	BIGPOS® AN-2150	BIGPOS® EL-2150	BIGPOS® A2-2150
Type	21.5" TFT LCD, LED Backlight			
Resolution	1080 x 1920			
Brightness	250 cd/m² (typ.)			
Touchscreen	Projected Capacitive Touch			
Response	12 ms			
Contrast Ratio	3000 (typ.)			

BIGPOS® Interface

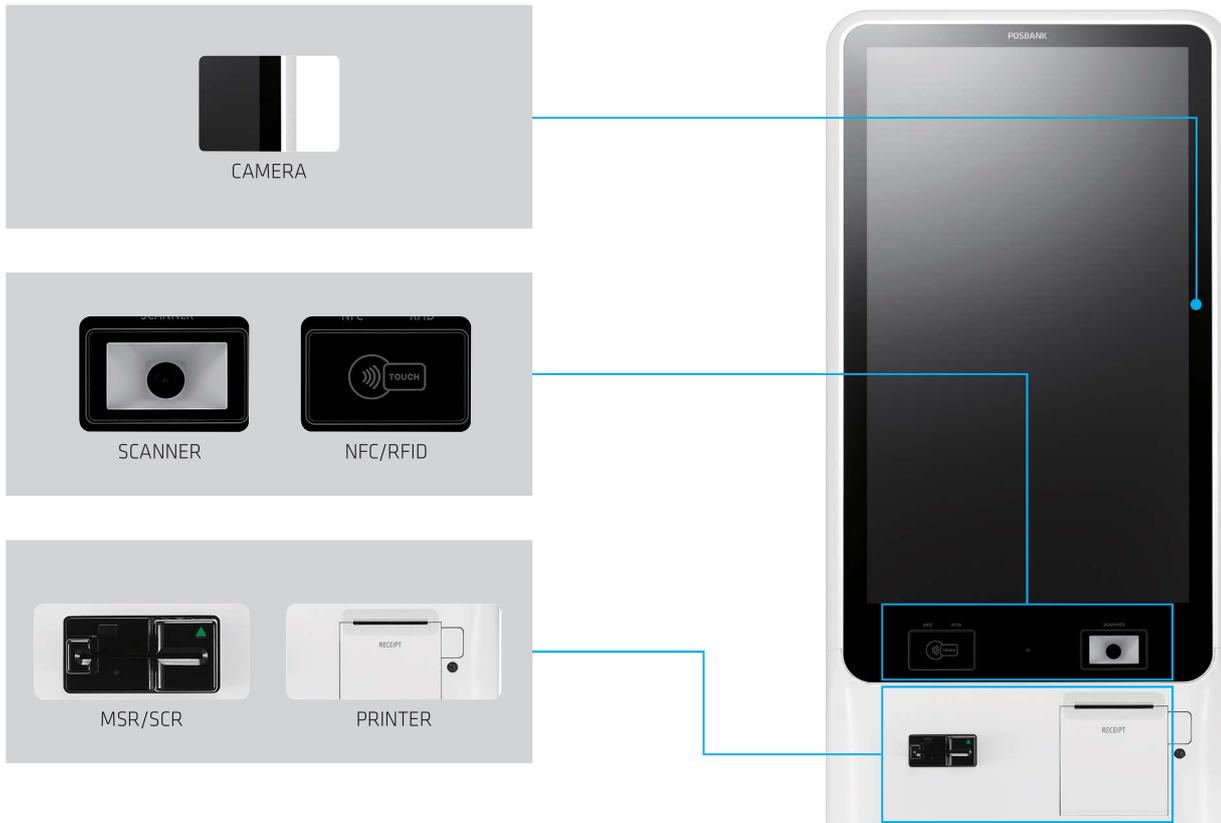|	BIGPOS® AP	BIGPOS® AN	BIGPOS® EL	BIGPOS® A2
Interface				
USB	External 2 (USB 2.0) Internal 5 (USB 2.0 x 5 (Reserved for MSR, SCR, i-Button/Camera/NFC/2D Barcode/Printer))			
Serial	Extenal 3 (COM2~3 RJ-45, Full Signal, COM5 Reserved for Printer) Internal (COM6 RJ-45, Only Tx/Rx, 5V Power Output, Reserved for MSR, IC Card)			
LAN	Gigabit Ethernet x 1, RJ-45			
WiFi/BT	-			Bluetooth(V5.0)+ WLAN (802.11 a/b/g/n, 2.4G/5G) combo module, On-board
Power DC-IN	3 Pin DIN Jack			
Power				
Power Supply	Adaptor 24V, 6.35A			
Pedestal				
Material	Galvanized Steel Plate			
Material Thickness	1.2T			
	BIGPOS® AP-2700	BIGPOS® AN-2700	BIGPOS® EL-2700	BIGPOS® A2-2700
Component Access	Security Locks with 7-Pin Tumbler / Rear Security Door			
	BIGPOS® AP-2150	BIGPOS® AN-2150	BIGPOS® EL-2150	BIGPOS® A2-2150
Component Access	-			

BIGPOS® I/O Ports

① Ethernet   ② 12V Out   ③ DC-IN   ④ 2 x USB Port   ⑤ COM2   ⑥ COM3
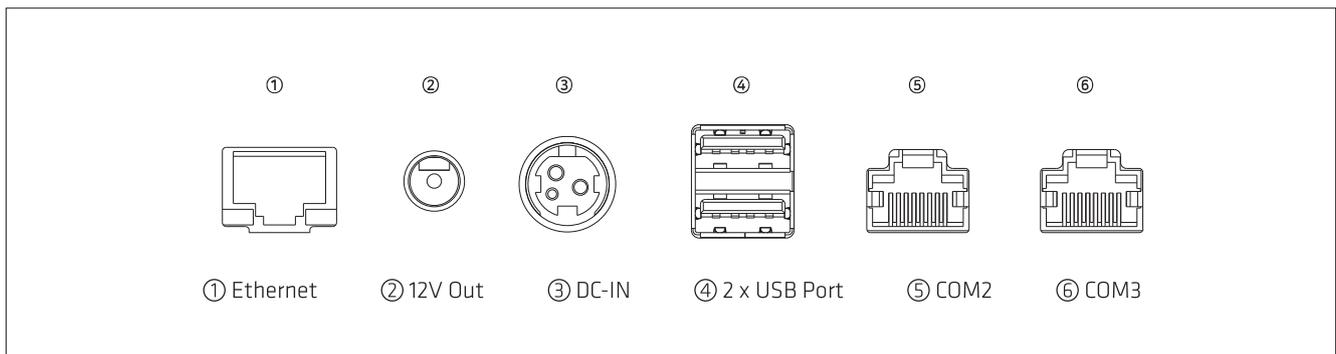
BIGPOS® Physical & Environmental

	BIGPOS® AP	BIGPOS® AN	BIGPOS® EL	BIGPOS® A2
Physical & Environmental				
Operating Temperature	0 °C ~ 60 °C at 10% to 90% Humidity			
Storage Temperature	-20 °C ~ 80 °C at 10% to 90% Humidity			
	BIGPOS® AP-2700	BIGPOS® AN-2700	BIGPOS® EL-2700	BIGPOS® A2-2700
Dimensions (W x D x H)	System : (W)430 x (D)140 x (H)880 (mm), (W)16.9 x (D)5.5 x (H)34.6 (in) Pedestal : (W)430 x (D)140 x (H)870 (mm), (W)16.9 x (D)5.5 x (H)34.2 (in) Baseplate : (W)600 x (D)450 x (H)10 (mm), (W)23.6 x (D)17.7 x (H)0.4 (in) Baseplate(Counter Top) : (W)600 x (D)410 x (H)10 (mm), (W)23.6 x (D)16.1 x (H)0.4 (in)			
Packing Dimensions (W x D x H)	System : (W)570 x (D)260 x (H)1000 (mm), (W)22.4 x (D)10.2 x (H)39.3 (in) Pedestal : (W)570 x (D)260 x (H)1000 (mm), (W)22.4 x (D)10.2 x (H)39.3 (in) Baseplate : (W)630 x (D)480 x (H)60 (mm), (W)24.8 x (D)18.9 x (H)2.4 (in)			
Net Weight	System : 15,000g, 33.06 lbs Pedestal : 13,000g, 28.66 lbs Baseplate : 20,000kg, 44.09 lbs			
Packing Weight	System : 21,000g, 46.29 lbs Pedestal : 17,000g, 37.47 lbs Baseplate : 21,000g, 46.29 lbs			
Certification	CE, FCC, KC			
Color	High Gloss White, High Gloss Black, Custom Colors Available			
	BIGPOS® AP-2150	BIGPOS® AN-2150	BIGPOS® EL-2150	BIGPOS® A2-2150
Dimensions (W x D x H)	System : (W)360 x (D)125 x (H)760 (mm), (W)14.1 x (D)4.9 x (H)30 (in) Pedestal : (W)360 x (D)125 x (H)890 (mm), (W)16.9 x (D)4.9 x (H)35 (in) Baseplate : (W)440 x (D)310 x (H)8 (mm), (W)17.3 x (D)12.2 x (H)0.3 (in)			
Packing Dimensions (W x D x H)	System : (W)500 x (D)240 x (H)880 (mm), (W)19.7 x (D)9.4 x (H)34.6 (in) Pedestal : (W)500 x (D)240 x (H)1000 (mm), (W)19.7 x (D)9.4 x (H)39.3 (in)			
Net Weight	System : 10,000g, 22.04 lbs Pedestal : 16,000g, 35.27 lbs Baseplate / Counter Top: 4,300g, 9.5 lbs			
Packing Weight	System : 13,900g, 30.64 lbs Pedestal (with Baseplate) : 19,300g, 42.6 lbs Counter Top : 5,300g, 11.7 lbs			
Certification	CE, FCC, KC			
Color	High Gloss White, High Gloss Black, Custom Colors Available			

BIGPOS® Option

CAMERA

SCANNER　　　NFC/RFID

MSR/SCR　　　PRINTER

	BIGPOS® AP	BIGPOS® AN	BIGPOS® EL	BIGPOS® A2
Options				
Storage	2.5 inch SSD 128GB, HDD 500GB, 1TB M.2 2242-D2-M(SATA or NVMe)			
Built-in Printer	3" Jam-Free Thermal, Max. 250mm/s, Auto Cutter (Interface : Serial, USB)			
Barcode Scanner	1D, 2D Barcode			
Camera	2M USB Interface (Internal) (Factory Option)			
Magnetic Stripe Reader	Comply with ISO 7811, Support 1 & 2 & 3 Track			
Smart Card Reader	EMV Level 1			
NFC Reader	MIFARE, FeliCa, ISO/IEC 14443A, ISO/IEC 14443B, ISO/IEC 15693			
Wall Mount Kit	VESA-Compatible, 100 x 100 (mm), 200 x 200 (mm)			
Speaker	1 x 5W (Mono)			2 x 1W (Stereo)
WiFi	M.2 for WiFi / BT			-
Payment Bracket	EFT Terminal Bracket option			
Custom Options	Customer-Assigned EMV Terminal Bracket, Bill/Coin Acceptor, Document Reader (Passports/IDs), Ticket/Document Printer, UPS (Uninterruptible Power Supply)			

*Specifications may change without prior notice.