

**POSIFLEX**

# SOLUTION GUIDE



# Contents

<b>About Posiflex</b>		2
<b>What Makes Us Different?</b>		3
<b>Product Lineup</b>		4
<b>MT Series</b>	Mobile POS	6
<b>RT Series</b>	POS Terminal	10
<b>XT Series</b>	POS Terminal	14
<b>KS Series</b>	POS Terminal	20
<b>HT Series</b>	POS Terminal	23
<b>HS Series</b>	All-In-One POS	24
<b>HC Series</b>	Infotainment Terminal	30
<b>TX Series</b>	POS Box	33
<b>PB Series</b>	POS Box	35



Founded in 1984, Posiflex Technology, Inc. has since grown to be a world leader in the design and manufacture of POS hardware solutions. We offer full suite of POS terminals, tablets, kiosks and peripherals in a range of shapes, sizes, and capabilities to meet every business demand.

In partnership with software application companies, our products are sold worldwide through retail, hospitality, healthcare, entertainment, gaming and many other verticals. Posiflex offers more than Point-of-Service, but Point-of-Inspiration.

Flexible yet reliable, quick and precise, we are always ready to take on new challenges with our responsive expertise in ever innovating technology. To provide the best service, we are always there for our customers and never cease to improve ourselves. Everything that we do has only one simple goal – to help our customers succeed in their business!

## **Your Success Is Our Vision**

# What Makes Us Different?

## Pioneering Innovation

Recognized as a pioneer in the industry, Posiflex has been awarded more than 30 patents for innovative design. More than a decade ago, we launched the first fanless terminal and we've since become the leader in the fanless technology.

## High Reliability

Our products are designed and manufactured in ISO 9001/14001 certified facility in accordance with globalized standards. Rigorous burn-in process to ensure top notch quality and all products are certified by the third party lab validation of engineering design and production stress testing (HALT/HASS).

## Speed and Flexibility

From the selection of raw materials to the completion of final products, we have established a consistent in-house production model in the state-of-the-art manufacturing facility in Taiwan, which is the key to manage changes and meet customers' expectations with speed and flexibility.

## Timely Customer Service

Take advantage of global coverage and reliable, timely service made possible by our subsidiaries and distribution channels across the Americas, Europe, Africa, the Middle East, Oceania and Asia.

# Product Lineup

## Mobile POS



MT Series

## POS Terminal



RT Series



XT Series



KS Series



HT Series

## All-In-One POS



HS Series

## Infotainment Terminal



HC Series

## POS Box



TX Series



PB Series



# MT Series

Mobile POS

**Your Best Companion  
for Mobile Retailing  
and Hospitality**

The award-winning MT Series is a hybrid solution that is proven to provide retail and hospitality businesses with the mobility of a tablet and the functionality of a stationary POS terminal.





U.S. Patent 9436226 B2

## Built for Business Mobility

Offered as Windows or Android version, the MT Series is designed to meet business applications and requirements. It features a very durable construction that can withstands drops from 1.5-meter height.

## Patented Technology

The MT Series can be fitted with a pistol grip that has an optional barcode scanner transforming to a data collector. This ergonomically designed pistol grip shaped handle purposely built for easy carrying; it also houses a removable battery to vastly extend the overall operating time.



## Various Applications

With the pistol grip, the MT Series can be used for inventory, line busting or ticket taking applications. The tablet's hand strap is ideal for service on the go. An encryption-capable magnetic stripe reader optimizes the tablet's usability in loyalty programs.

## Get Even More with a Dock Station

The optional dock station for the MT Series integrates a wireless 3" thermal printer and full suite of ports. When the tablet is docked onto the dock station, an all-in-one POS is instantly at your disposal.

# MT Series/Mobile POS

10"



Model Name	MT-4310W/R-4G MT-4310W/H-4G	MT-4310W/R MT-4310W/H	MT-4210A/R MT-4210A/H
<b>LCD</b>	10" TFT LCD with LED backlight		10" TFT LCD with LED backlight
<b>Resolution</b>	1280 x 800		1280 x 800
<b>Touch</b>	True-flat PCAP touch with multi-touch support		True-flat PCAP touch with multi-touch support
<b>Processor</b>	Intel Cherry Trail x5-Z8350 Quad Core CPU, up to 1.92 GHz, 2M Cache		ARM Octa Core CPU, 2.00 GHz
<b>OS Support</b>	Win 10 IoT 64 bit	Win 10 IoT 32 bit & 64 bit	Android 6.0
<b>Memory</b>	4GB	2GB	2GB
<b>Storage</b>	64GB eMMC storage + micro SD		16GB eMMC storage
<b>Battery</b>	4800 mAh		4800 mAh
<b>Wireless Connectivity</b>	Dual band 2.40 GHz/5.00 GHz, WiFi + BT + optional 4G		Dual band 2.40 GHz/5.00 GHz, WiFi + BT + optional 4G
<b>Drop Spec</b>	1.5 m		1.5 m
<b>Options</b>	Smart Card Reader (cannot coexist with 4G)		Smart Card Reader (cannot coexist with 4G)

8"



Model Name	MT-4308W/R-4G MT-4308W/H-4G	MT-4308W/R MT-4308W/H
<b>LCD</b>	8" TFT LCD with LED backlight	
<b>Resolution</b>	1280 x 800	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Processor</b>	Intel Cherry Trail x5-Z8350 Quad Core CPU, up to 1.92 GHz, 2M Cache	
<b>OS Support</b>	Win 10 IoT 32 bit & 64 bit	
<b>Memory</b>	4GB	2GB
<b>Storage</b>	64GB eMMC storage + micro SD	
<b>Battery</b>	4800 mAh	
<b>Wireless Connectivity</b>	Dual band 2.40 GHz/5.00 GHz, WiFi + BT + optional 3G	
<b>Drop Spec</b>	1.5 m	
<b>Options</b>	N/A	

# RT Series

## POS Terminal



### Make Your Business Look More Attractive

With sleek contours, ultra-slim body, and linear rear cover surface, the RT is a fine constituent to a wide range of store environments, making any retail or hospitality business space look even more attractive.



### Scalable and Durable

The RT Series comes with multiple Intel CPU options from Celeron to Core i5 providing scalable performance. The patented fanless technology allows the terminal to run quietly in all kinds of harsh conditions, and – at the same time - provides a long service life.



Fanless  
Technology



Dust  
Resistant



Water  
Resistant



### Clean Cable Management

Advanced cable management design delivers a truly clutter-free station. The standard base can house the optional PoweredUSB or USB extension module while retaining the sleek look.



Expandable USB Module

### Faster Installation and Serviceability

Rear cover can be removed easily and without tools, thus allowing faster installation and serviceability.



### Save Your Time and Money

The terminal can be shipped with customer line display or 9.7"/10.1" 2<sup>nd</sup> customer facing LCD display attached and folded, saving deployment time as well as shipping costs.

# RT Series/POS Terminal

15"



<b>Model Name</b>	<b>RT-2015/2015E</b>
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache
<b>LCD</b>	15" TFT LCD
<b>Resolution</b>	1024 x 768
<b>Touch</b>	True-flat PCAP touch with multi-touch support
<b>Memory</b>	DDR3L SO-DIMM slot x 1, max. 8GB
<b>Storage</b>	SATA storage x 2
<b>I/O &amp; Expansion</b>	USB x 5 (USB 3.0 x 1 + USB 2.0 x 4) + COM x 3 (DB9 x 1 + RJ50 x 2) + LAN + CR + VGA (pin header) + mini-DP + M.2 slot; optional 12V + 24V PoweredUSB module x 1, or USB 2.0 extension module that brings total USB port to 8 for RT-2015 (both optional modules are located in the base stand; USB 3.0 x 1 will no longer be available with the optional modules)
	USB x 3 (USB 3.0 x 1 + USB 2.0 x 2) + 24V PoweredUSB x 1 for RT-2015E
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT
<b>Options</b>	1MP wide-angle camera, AG glass (cannot coexist with camera)

15"



<b>Model Name</b>	<b>RT-5015/5015E</b>	<b>RT-5115/5115E</b>
<b>Processor</b>	Intel Kaby Lake Core i3-7100U, 2.4 GHz (3M Cache)	Intel Kaby Lake Core i5-7300U, up to 3.5 GHz (3M Cache)
<b>LCD</b>	15" TFT LCD	
<b>Resolution</b>	1024 x 768	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR4 SO-DIMM slot x 2, max. 16GB	
<b>Storage</b>	SATA storage x 2	
<b>I/O &amp; Expansion</b>	USB x 5 (USB 3.0 x 2 + USB 2.0 x 3) + COM x 3 (DB9 x 1 + RJ50 x 2) + LAN + CR + VGA (pin header) + mini-DP + M.2 slot; optional 12V + 24V PoweredUSB module x 1, or USB 2.0 extension module that brings total USB port to 8 for RT-5015/5115 (both optional modules are located in the base stand; USB 3.0 x 1 will no longer be available with the optional modules)	
	USB x 3 (USB 3.0 x 2 + USB 2.0 x 1) + 24V PoweredUSB x 1 for RT-5015E/5115E	
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry 64bit/Win 10 IoT 64bit	
	1MP wide-angle camera, AG glass (cannot coexist with camera)	

# RT Series/POS Terminal

15.6"



<b>Model Name</b>	<b>RT-2016/2016E</b>
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache
<b>LCD</b>	15.6" TFT LCD
<b>Resolution</b>	1920 x 1080
<b>Touch</b>	True-flat PCAP touch with multi-touch support
<b>Memory</b>	DDR3L SO-DIMM slot x 1, max. 8GB
<b>Storage</b>	SATA storage x 2
<b>I/O &amp; Expansion</b>	USB x 5 (USB 3.0 x 1 + USB 2.0 x 4) + COM x 3 (DB9 x 1 + RJ50 x 2) + LAN + CR + VGA (pin header) + mini-DP + M.2 slot; optional 12V + 24V PoweredUSB module x 1, or USB 2.0 extension module that brings total USB port to 8 for RT-2016 (both optional modules are located in the base stand; USB 3.0 x 1 will no longer be available with the optional modules)
	USB x 3 (USB 3.0 x 1 + USB 2.0 x 2) + 24V PoweredUSB x 1 for RT-2016E
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT
<b>Options</b>	1MP wide-angle camera, AG glass (cannot coexist with camera)

15.6"



<b>Model Name</b>	<b>RT-5016/5016E</b>	<b>RT-5116/5116E</b>
<b>Processor</b>	Intel Kaby Lake Core i3-7100U, 2.4 GHz (3M Cache)	Intel Kaby Lake Core i5-7300U, up to 3.5 GHz (3M Cache)
<b>LCD</b>	15.6" TFT LCD	
<b>Resolution</b>	1920 x 1080	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR4 SO-DIMM slot x 2, max. 16GB	
<b>Storage</b>	SATA storage x 2	
<b>I/O &amp; Expansion</b>	USB x 5 (USB 3.0 x 2 + USB 2.0 x 3) + COM x 3 (DB9 x 1 + RJ50 x 2) + LAN + CR + VGA (pin header) + mini-DP + M.2 slot; optional 12V + 24V PoweredUSB module x 1, or USB 2.0 extension module that brings total USB port to 8 for RT-5016/5116 (both optional modules are located in the base stand; USB 3.0 x 1 will no longer be available with the optional modules)	
	USB x 3 (USB 3.0 x 2 + USB 2.0 x 1) + 24V PoweredUSB x 1 for RT-5016E/5116E	
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry 64bit/Win 10 IoT 64bit	
<b>Options</b>	1MP wide-angle camera, AG glass (cannot coexist with camera)	



# XT Series

## POS Terminal

### Flexible! Powerful! Elegant!

With its streamlined design and slim base stand, the fashionable look of the XT Series conveys a sense of elegance and style. In addition to the popular 15" format, the XT Series offers the larger 17" version for extended visual space as well as a 14" Android POS terminal.

### Multiple CPU Selection

The XT Series has been developed with diverse processor performance categories: value-oriented, mid-range and high-end to fit the individual need.

### Multi-Position Foldable Base (U.S. Patent 9004436)

The foldable base can be configured into "Flat Folded Mode" for economical shipping, "Low Profile Mode" for greater interaction between the cashier and the customer, and the traditional "Full Extended Mode". All this can be achieved with a simple pull of the hidden lever.



Full Extended Mode



Low Profile Mode



Flat Folded Mode



### Patented Fanless Technology

[excl. XT-4015 & XT-4215IR]

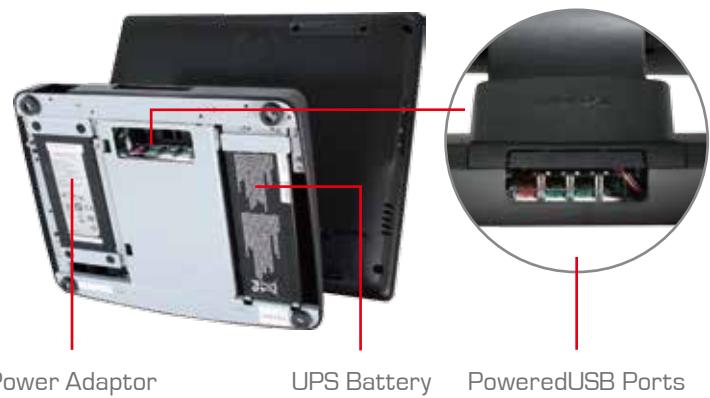
The fanless design allows the terminal to run silently and efficiently even in harsh conditions, eliminating potential mechanical failure and reducing service costs.

### Multi-Function Base – GEN8E Base

The optional GEN8E Base integrates PoweredUSB & an 8-port USB hub for multiple peripherals, a battery backup in the event of a power failure, and inclusion of the terminal's own power adapter for a clutter-free POS station.

### Superior Connectivity & Expandability

Supports a wide variety of I/O interfaces to connect POS peripheral options.



# XT Series/POS Terminal

14"



<b>Model Name</b>	<b>XT-2614Q</b>
<b>Processor</b>	Allwinner A31 Quad Core CPU, 1.00 GHz
<b>LCD</b>	14" TFT LCD
<b>Resolution</b>	1366 x 768
<b>Touch</b>	True-flat PCAP touch with multi-touch support
<b>Memory</b>	DDR3 1GB
<b>Storage</b>	8GB eMMC + Micro SD
<b>I/O &amp; Expansion</b>	USB 2.0 x 3 + COM x 2 [DB9]+ LAN + CR + VGA *SDK for VGA will be provided for software integration
<b>OS Support</b>	Android 4.4

# XT Series/POS Terminal



15"

Model Name	XT-3815	XT-3915	XT-3915IR
Processor	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache		
LCD	15" TFT LCD		
Resolution	1024 x 768		
Touch	True-flat PCAP touch with multi-touch support	Resistive touch	IR touch
Memory	DDR3L SO-DIMM x 1, max. 8GB		
Storage	SATA Storage x 2 or eMMC x 1		
I/O & Expansion	USB x 7 (USB 3.0 x 1 + USB 2.0 x 6) + COM x 4 (DB9 x 3 + RJ50 x 1) + LAN + CR + VGA + mini-PCIe slot		
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT		



15"

Model Name	XT-4015	XT-4215IR
Processor	Intel Ivy Bridge G1620 CPU, 2.70 GHz, 2M Cache to Core i7-3770, up to 3.90 GHz, 8M Cache	
LCD	15" TFT LCD	
Resolution	1024 x 768	
Touch	True-flat PCAP touch with multi-touch support	IR touch
Memory	DDR3L SO-DIMM x 2, max. 16GB	
Storage	SATA Storage x 2	
I/O & Expansion	USB 2.0 x 5 + COM x 4 (DB9 x 3 + RJ50 x 1) + LAN x 2 + CR + VGA + mini-PCIe slot	
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	

# XT Series/POS Terminal

15"



Model Name	XT-5315	XT-5415IR
Processor	Intel Haswell Core i3-4330TE CPU, 2.40 GHz, 4M Cache to Core i7-4770TE up to 3.30 GHz, 8M Cache, downgradable to Pentium or Celeron	
LCD	15" TFT LCD	
Resolution	1024 x 768	
Touch	True-flat PCAP touch with multi-touch support	IR touch
Memory	DDR3L SO-DIMM x 2, max. 16GB	
Storage	SATA Storage x 2	
I/O & Expansion	USB x 6 (USB 3.0 x 2 + USB 2.0 x 4) + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN x 2 + CR + VGA + mini-Pcie slot; optional COM 5/6	
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	

15"



Model Name	XT-5515	XT-5515Pro
Processor	Intel Haswell Core i5-4570TE CPU, up to 3.30 GHz, 4M Cache to Core i7-4770TE, up to 3.30 GHz, 8M Cache	
LCD	15" TFT LCD	
Resolution	1024 x 768	
Touch	True-flat PCAP touch with multi-touch support	
Memory	DDR3L SO-DIMM x 2, max. 16GB	
Storage	SATA Storage x 2	
I/O & Expansion	USB x 6 (USB 3.0 x 2 + USB 2.0 x 4) + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN x 2 + CR + VGA + mini-Pcie slot; optional COM 5/6	USB 3.0 x 6 + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN + CR + VGA + M.2 slot + HDMI; optional COM 5/6
RAID Function	Yes	
TPM	Yes	
Intel AMT Support	Yes	
Intel vPro Support	N/A	Yes
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	

# XT Series/POS Terminal

15"



Model Name	XT-6315	XT-6515
<b>Processor</b>	Intel Skylake Core i3-4330TE CPU, 2.40 GHz, 4M Cache to Core i7-4770TE up to 3.30 GHz, 8M Cache, downgradable to Pentium or Celeron	Intel Skylake Core i5-6500TE CPU, up to 3.30 GHz, 6M cache to Core i7-6700TE CPU, up to 3.40 GHz, 8M cache
<b>LCD</b>	15" TFT LCD	
<b>Resolution</b>	1024 x 768	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR4 SO-DIMM x 2, max. 32 GB	
<b>Storage</b>	SATA Storage x 2	SATA Storage x 2 + M.2 connector (SATA or PCIe) x 1
<b>I/O &amp; Expansion</b>	USB x 6 (USB 3.0 x 4 + USB 2.0 x 2) + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN x 2 + CR + VGA + mini-HDMI + M.2 slot; optional COM 5/6	USB x 6 (USB 3.0 x 4 + USB 2.0 x 2) + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN x 2 + CR + VGA + mini-HDMI + M.2 slot; optional COM 5/6
<b>RAID Function</b>	N/A	Yes
<b>TPM</b>	N/A	Yes
<b>Intel AMT Support</b>	N/A	Yes
<b>Intel vPro Support</b>	N/A	Yes
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry 64 bit/Win 10 IoT 64 bit	

17"



Model Name	XT-3817	XT-5317	XT-5517
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Haswell Core i3-4330TE CPU, 2.40 GHz, 4M Cache, downgradable to Pentium or Celeron	Intel Haswell Core i5-4570TE CPU, up to 3.30 GHz, 4M Cache, to Core i7-4770TE, up to 3.30 GHz, 8M Cache
<b>LCD</b>	17" TFT LCD	17" TFT LCD	
<b>Resolution</b>	1280 x 1024	1280 x 1024	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 8GB	DDR3L SO-DIMM x 2, max. 16GB	
<b>Storage</b>	SATA Storage x 2 or eMMC x 1	SATA storage x 2	
<b>I/O &amp; Expansion</b>	USB x 8 (USB 3.0 x 1 + USB 2.0 x 7) + COM x 4 (DB9) + LAN x 2 + CR + VGA + mini-PCIe slot	USB x 8 (USB 3.0 x 2 + USB2.0 x 6) + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN x 2 + CR + VGA + mini-DP + mini-PCIe slot; optional COM 5/6	
<b>RAID Function</b>	N/A	N/A	Yes
<b>TPM</b>	N/A	N/A	Yes
<b>Intel AMT Support</b>	N/A	N/A	Yes
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	



# KS Series

## POS Terminal



**10"**  
1024 x 768

**12"**  
1024 x 768

**15"**  
1024 x 768

**17"**  
1280 x 1024

### Enhanced Power Performer

The KS Series eliminates the need for failure-prone fans. These rugged KS terminals operate quietly and feature spill-resistant structure that protects circuitry and allows for easy cleaning and quick POS hardware maintenance.



### Sleek Design

The KS Series features robust cast aluminum enclosure for maximum durability and heat dissipation.

### Multiple Touch Screen Options

The KS Series boasts a range of terminal screen sizes in 10", 12", 15", and 17" PCAP, Infrared and Resistive Touch options.

### Powerful Performance

Powered by a quad core Bay Trail-based CPU, the KS Series is a fast and powerful solution for the most demanding retail and hospitality environments.



### Patented Fanless Technology

The fanless design allows the terminal to run silently and efficiently even in harsh conditions, eliminating potential mechanical failure and reducing service costs.

### Superior Connectivity & Expandability

Supports a wide variety of I/O interfaces to connect POS peripheral options.



with 2<sup>nd</sup> Display LCD



with Barcode Scanner



with Customer Pole Display



Adjustable LCD



with MSR and  
Fingerprint Sensor

# KS Series/POS Terminal



10"



12"

Model Name	KS-7410	KS-7412 KS-7412P
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache
<b>LCD</b>	9.7" TFT LCD	12" TFT LCD
<b>Resolution</b>	1024 x 768	1024 x 768
<b>Touch</b>	True-flat PCAP touch with multi-touch support	Resistive touch for KS-7412 True-flat PCAP touch with multi-touch support for KS-7412P
<b>Memory</b>	DDR3L SO-DIMM slot x 1, max. 8GB	DDR3L SO-DIMM slot x 1, max. 8GB
<b>Storage</b>	SATA Storage x 1	SATA Storage x 1
<b>I/O &amp; Expansion</b>	USB 2.0 x 6 + COM x 3 (DB9 x 1 + RJ50 x 2) + LAN + CR + VGA + M.2 slot	USB 2.0 x 6 + COM x 4 (DB9 x 2 + RJ50 x 2) + LAN + CR + VGA + M.2 slot
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT



15"



17"

Model Name	KS-7415G KS-7415G-I	KS-7417Z KS-7417Z-I
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache
<b>LCD</b>	15" TFT LCD	17" TFT LCD
<b>Resolution</b>	1024 x 768	1280 x 1024
<b>Touch</b>	Resistive touch for KS-7415G IR touch for KS-7415G-I	Resistive touch for KS-7417Z IR touch for KS-7417Z-I
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 8GB	DDR3L SO-DIMM x 1, max. 8GB
<b>Storage</b>	SATA Storage x 1	SATA Storage x 1
<b>I/O &amp; Expansion</b>	USB 2.0 x 6 + COM x 4 (DB9 x 3 + RJ50 x 1) + LAN + CR + VGA + M.2 slot + HDMI + Parallel (pin header, require conversation cable)	USB 2.0 x 6 + COM x 4 (DB9 x 3 + RJ50 x 1) + LAN + CR + VGA + M.2 slot + HDMI + Parallel (pin header, require conversation cable)
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT



# HT Series

## POS Terminal

### Affordable Premium Performance

The HT Series is an advanced compact POS terminal, designed for where space is at a premium. It brings greater value to the store owner through compact design, robust performance and superior customer experience.

12"



Model Name	HT-4712
Processor	Intel Haswell G1820, 2.80 GHz, 2M Cache to Core i7-4770TE CPU, up to 3.30 GHz, 8M Cache
LCD	12" TFT LCD
Resolution	1024 x 768
Touch	Resistive touch
Memory	DDR3L SO-DIMM x 2, max. 16GB
Storage	SATA Storage x 2
I/O & Expansion	USB x 8 (USB 3.0 x 2 + USB 2.0 x 6) + PoweredUSB x 2 (optional 24V x 1 + 12V x 1) COM x 4 (DB9) + Parallel + LAN + VGA + DP + PS/2 KB + PS/2 mouse + PCI slot; optional 2nd VGA and COM 5/6
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT



reddot design award  
winner 2016

# HS Series

## All-In-One POS



### Taking Space Saving to Extremes

In retail – where counter space equals potential product placement for promotional advertising money – every inch counts. With the small footprint, the HS Series clears up counter space and enables merchants to display and promote more merchandise to maximize sales.

#### Small Form Factor

The compact footprint of HS Series takes space saving to extremes and creates a clean, cable-free environment. It is ideal in use for quick service restaurants, convenience stores or any place where space is at a premium.



Optional Built-in 2D Barcode Scanner  
(HS-3500 & HS-6500 Series)

#### Award-Winning All-In-One Solution

The HS Series integrates the most widely used peripheral options in daily POS operation including MSR, fingerprint sensor, RFID reader, barcode scanner and thermal printer.



Optional Built-in MSR  
Fingerprint Sensor  
and RFID Reader



## Modular Design

Detachable modular printer design allows quick access to the components, providing convenient, efficient serviceability.



Detachable Receipt Printer  
(HS-3500 & HS-6500 Series)

## Aesthetics

Offered in black or white, the HS Series is not just a piece of machinery, it is an elegantly crafted piece of art that looks right at home in any store interior.

# HS Series/All-In-One POS



10"

Model Name	HS-2410A	HS-2410W
<b>Processor</b>	Intel Bay Trail J1800 Dual Core CPU, up to 2.58 GHz, 1M Cache	Intel Bay Trail J1800 Dual Core CPU, up to 2.58 GHz, 1M Cache
<b>LCD</b>	9.7" TFT LCD	9.7" TFT LCD
<b>Resolution</b>	1024 x 768	1024 x 768
<b>Touch</b>	True-flat PCAP touch with multi-touch support	True-flat PCAP touch with multi-touch support
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 4GB	DDR3L SO-DIMM x 1, max. 4GB
<b>Storage</b>	eMMC x 1	SATA Storage x 1
<b>I/O &amp; Expansion</b>	USB 2.0 x 4 + COM x 3 [DB9 x 2 + RJ50 x 1] + LAN + CR	USB 2.0 x 4 + COM x 3 [DB9 x 2 + RJ50 x 1] + LAN + CR + VGA
<b>Built-in Device</b>	2" thermal printer w/ auto or manual cutter, 100 mm/sec [max.]	2" thermal printer w/ auto cutter, 100 mm/sec [max.]
<b>OS Support</b>	Android 4.4	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT
<b>Built-in Options</b>	WiFi, MSR, RFID	WiFi, Fingerprint Sensor, MSR, RFID, Smart Card Reader



10"

Model Name	HS-2510W	HS-2510W-2D
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	
<b>LCD</b>	9.7" TFT LCD	
<b>Resolution</b>	1024 x 768	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 8GB	
<b>Storage</b>	SATA Storage x 2 [one for HDD/SSD; the other for 1" SSD only] or optional eMMC	
<b>I/O &amp; Expansion</b>	USB x 4 [USB 3.0 x 1 + USB 2.0 x 3] + COM x 3 [DB9 x 2 + RJ50 x 1] + Parallel + LAN + CR + VGA + mini-PCIe slot	
<b>Built-in Device</b>	3" thermal printer w/ auto cutter, 200 mm/sec [max.]	2D barcode scanner
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	
<b>Options</b>	WiFi, Fingerprint Sensor, MSR, RFID, Smart Card Reader	



10"

Model Name	HS-3510W	HS-6510W
<b>Processor</b>	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Skylake Core i3-6100U Dual Core CPU, 2.30 GHz, 3M cache
<b>LCD</b>	9.7" TFT LCD	
<b>Resolution</b>	1024 x 768	
<b>Touch</b>	True-flat PCAP touch with multi-touch support	
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 8GB	DDR4 SO-DIMM slot x 1, max 16GB
<b>Storage</b>	SATA Storage x 2 (one for HDD/SSD; the other for 1" SSD only)	SATA Storage x 1
<b>I/O &amp; Expansion</b>	USB 2.0 x 4 + COM x 3 (DB9 x 2 + RJ50 x 1) + LAN + CR + Parallel + VGA + mini-PCIe slot	USB 2.0 x 4 + COM x 3 (DB9 x 2 + RJ50 x 1) + LAN + CR + Parallel + VGA + M.2 slot
<b>Built-in Device</b>	3" detachable printer w/ auto cutter, 250 mm/sec (max.)	
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry 64 bit/ Win 10 IoT 64 bit
<b>Built-in Options</b>	WiFi, Fingerprint Sensor, MSR, RFID, 2D Barcode Scanner, iButton, 4G Communication (Fingerprint Sensor and iButton cannot coexist )	

# HS Series/All-In-One POS

12"



Model Name	HS-2512W	HS-2512W-2D
Processor	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	
LCD	12" TFT LCD	
Resolution	1024 x 768	
Touch	True-flat PCAP touch with multi-touch support	
Memory	DDR3L SO-DIMM x 1, max. 8GB	
Storage	SATA Storage x 2 (one for HDD/SSD; the other for 1" SSD only) or optional eMMC	
I/O & Expansion	USB x 4 [USB 3.0 x 1+ USB 2.0 x 3] + COM x 3 [DB9 x 2 + RJ50 x 1] + Parallel + LAN + CR + VGA + mini-PCIe slot	
Built-in Device	3" thermal printer w/ auto cutter, 200 mm/sec [max.]	2D barcode scanner
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	
Built-in Options	WiFi, Fingerprint Sensor, MSR, RFID, Smart Card Reader	

12"



Model Name	HS-3512W	HS-6512W
Processor	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Skylake Core i3-6100U Dual Core CPU, 2.30 GHz, 3M cache
LCD	12" TFT LCD	
Resolution	1024 x 768	
Touch	True-flat PCAP touch with multi-touch support	
Memory	DDR3L SO-DIMM x 1, max. 8GB	DDR4 SO-DIMM slot x 1, max 16GB
Storage	SATA Storage x 2 (one for HDD/SSD; the other for 1" SSD only)	SATA Storage x 1
I/O & Expansion	USB x 4 [USB 3.0 x 1+ USB 2.0 x 3] + COM x 3 [DB9 x 2 + RJ50 x 1] + LAN + CR + Parallel + VGA + mini-PCIe slot	USB x 4 [USB 3.0 x 1+ USB 2.0 x 3] + COM x 3 [DB9 x 2 + RJ50 x 1] + LAN + CR + Parallel + VGA + M.2 slot
Built-in Device	3" detachable printer w/ auto cutter, 250 mm/sec [max.]	
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry 64 bit/Win 10 IoT 64 bit
Built-in Options	WiFi, Fingerprint Sensor, MSR, RFID, 2D Barcode Scanner, iButton, 4G Communication (Fingerprint Sensor and iButton cannot coexist )	

# HS Series/All-In-One POS



14"

Model Name	HS-3514W	HS-6514W
Processor	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Skylake Core i3-6100U Dual Core CPU, 2.30 GHz, 3M cache
LCD	14" TFT LCD	
Resolution	1366 x 768	
Touch	True-flat PCAP touch with multi-touch support	
Memory	DDR3L SO-DIMM x 1, max. 8GB	DDR4 SO-DIMM slot x 1, max 16GB
Storage	SATA Storage x 2 (one for HDD/SSD; the other for 1" SSD only)	SATA Storage x 1
I/O & Expansion	USB x 4 (USB 3.0 x 1+ USB 2.0 x 3) + COM x 3 (DB9 x 2 + RJ50 x 1) + LAN + CR + Parallel + VGA + mini-Pcie slot	USB x 4 (USB 3.0 x 1+ USB 2.0 x 3) + COM x 3 (DB9 x 2 + RJ50 x 1) + LAN + CR + Parallel + VGA + M.2 slot
Built-in Device	3" detachable printer w/ auto cutter, 250 mm/sec [max.]	
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 7/POSReady 7/WE 8.1 Industry 64 bit/ Win 10 IoT 64 bit
Built-in Options	WiFi, Fingerprint Sensor, MSR, RFID, 2D Barcode Scanner, iButton, 4G Communication (Fingerprint Sensor and iButton cannot coexist )	



14"

Model Name	HS-3114A
Processor	Allwinner A64 Quad Core CPU, 1.20 GHz
LCD	14" TFT LCD
Resolution	1366 x 768
Touch	True-flat PCAP touch with multi-touch support
Memory	DDR3 2GB
Storage	16 GB MMC + micro SD slot x 1
I/O & Expansion	USB x 3 (USB 2.0) + OTG USB + COM x 2 (DB9) + LAN + CR + VGA (SDK for VGA will be provided for software integration)
Built-in Device	3" detachable printer w/ auto cutter, 250 mm/sec [max.] + WiFi + BT
OS Support	Android 7.1
Built-in Options	Fingerprint Sensor, MSR, RFID, 2D Barcode Scanner, iButton, 4G Communication (Fingerprint Sensor and iButton cannot coexist )

# HC Series/Infotainment Terminal

21.5"



Model Name	HC-1521IR HC-1521IR-Pro	HC-1521P HC-1521P-Pro	
Processor	Intel Haswell G1820 CPU, 2.70 GHz, 2M Cache to Core i5-4570TE, up to 3.30 GHz, 4M Cache for HC-1521IR & HC-1521P	Intel Haswell Core i5-4570TE CPU, up to 3.30 GHz, 4M Cache with vPro support for HC-1521IR-Pro & HC-1521P-Pro	
LCD	21.5" TFT LCD		
Resolution	1920 x 1080		
Touch	IR touch	True-flat PCAP touch with multi-touch support & optional AG glass	
Memory	DDR3L SO-DIMM x 2, max. 16GB in 2 slots		
Storage	SATA Storage x 1 + mSATA x 1		
I/O & Expansion	USB x 7 [USB 3.0 x 2 + USB 2.0 x 5] + COM x 4 [DB9] + LAN x 2 + VGA + HDMI + mini-PCIe slot x 2		
OS Support	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT		
Built-in Options	WiFi, BT	WiFi, BT, 2D Barcode Scanner, 1MP Camera (cannot coexist with AG glass)	
Attachment Options	MSR, iButton, Fingerprint Sensor, 3G Dongle, Price Chcker Kit (Wall Mount Bracket + 2D Barcode Scanner), TV Tuner (HC-1521P, HC-1521P-Pro)		

21.5"



Model Name	HC-1021IR	HC-1021P
Processor	Intel Braswell N3160 CPU, up to 2.24 GHz, 2M Cache	
LCD	21.5" TFT LCD	
Resolution	1920 x 1080	
Touch	IR touch	True-flat PCAP touch with multi-touch support & optional AG glass
Memory	DDR3L SO-DIMM x 2, max. 8GB in 2 slots	
Storage	SATA Storage x 1 + micro SD x 1	
I/O & Expansion	USB 2.0 x 5 + COM x 4 [DB9] + LAN x 2 + VGA + HDMI + M.2 slot	
OS Support	Win 7/POSReady 7/WE 8.1 Industry 64 bit/Win 10 IoT	
Built-in Options	WiFi, BT	WiFi, BT, 2D Barcode Scanner, 1MP Camera (cannot coexist with AG glass)
Attachment Options	MSR, iButton, RFID, Fingerprint Sensor, 3G Dongle, Price Chcker Kit (Wall Mount Bracket + 2D Barcode Scanner), TV Tuner (HC-1021P)	



# TX Series

## POS Box

### Your Versatile Partner

The TX Series presents a multi-purpose controller box offering a wide range of price/performance choices; well suited for a Kitchen Video System (KVS) controller, digital signage controller or anywhere you need a Point-of-Service system.



### Features

- Compact Footprint
- VESA Mounting for Flexible Deployment
- Peripheral Expansion
- Fanless POS Box & Kitchen Display System

# TX Series/POS Box



Model Name	TX-2000	TX-2100	TX-4700
<b>Processor</b>	Intel Bay Trail J1800 Dual Core CPU, up to 2.58 GHz, 1M Cache	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache	Intel Bay Trail J1900 Quad Core CPU, up to 2.42 GHz, 2M Cache
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 4GB	DDR3L SO-DIMM x 1, max. 8GB	DDR3L SO-DIMM x 1, max. 8GB
<b>Storage</b>	SATA Storage x 1 + eMMC x 1, factory default HDD x 1	SATA Storage x 1 + eMMC x 1, factory default SSD x 1	SATA Storage x 2
<b>I/O &amp; Expansion</b>	USB 2.0 x 6 + COM x 4 [DB9 x 2 + RJ50 x 2] + Parallel + LAN + VGA x 2 + CR + PS/2 + mini PCIe slot		USB 2.0 x 7 + COM x 4 [DB9] + Parallel + LAN + VGA + CR + PS/2 + M.2 slot; optional COM 5/6, PoweredUSB x 2 [optional 24V x 1 + 12V x 1]
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT		



Model Name	TX-2300 TX-2300E	TX-5000 TX-5000E
<b>Processor</b>	Intel Apollo Lake N3350 Dual Core CPU, up to 2.40 GHz, 2M Cache	Intel Haswell G1820 CPU, 2.70 GHz, 2M Cache to Core i7-4770TE, up to 3.30 GHz, 8M Cache
<b>Memory</b>	DDR3L SO-DIMM x 1, max. 8GB	DDR3L SO-DIMM x 2, max. 16GB
<b>Storage</b>	SATA Storage x 1	SATA Storage x 2, factory default SSD x 1
<b>I/O &amp; Expansion</b>	USB x 6 (USB 3.0 x 2 + USB 2.0 x 4) + COM x 4 [DB9 x 2 + RJ50 x 2] + Parallel + LAN + VGA + CR + PS/2 + HDMI x 2 + M.2 slot for TX-2300	USB x 8 (USB 3.0 x 2 + USB 2.0 x 6) + COM x 4 [DB9] + Parallel + LAN + VGA + CR + DisplayPort + mini PCIe slot; optional COM 5/6 for TX-5000
<b>OS Support</b>	Windows 10 IoT/Linux per request	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT



Model Name	TX-5200 TX-5200E	TX-5500 TX-5500E
<b>Processor</b>	Intel Haswell Core i5-4570TE CPU, up to 3.30 GHz, 4M Cache to Core i7-4770TE, up to 3.30 GHz, 8M Cache [w/Intel RAID & vPro support]	Intel Coffee Lake G4900T CPU, 2.90 GHz, 2M Cache to Core i5-8500T CPU, up to 3.50 GHz, 9M Cache
<b>Memory</b>	DDR3L SO-DIMM x 2, max. 16GB	DDR4 SO-DIMM x 2, max. 32 GB
<b>Storage</b>	SATA Storage x 2, factory default SSD x 1	SATA Storage x 2 + M.2 x 1 [supporting SATA & PCIe x4]
<b>I/O &amp; Expansion</b>	USB x 8 (USB 3.0 x 5 + USB 2.0 x 3) + COM x 4 [DB9] + Parallel + LAN + VGA + CR + HDMI + mini PCIe slot; optional COM 5/6 for TX-5200	USB x 7 (USB 3.0 x 4 + USB 2.0 x 3) + COM x 6 [DB9 x 4 + RJ50 x 2] + Parallel + LAN x 2 + VGA + CR + HDMI + M.2 slot; optional COM 5/6 for TX-5500
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT	Win 10 IoT



# PB Series

## POS Box

### Affordable Premium Performance

The PB-4700 is an advanced compact POS box, ideally suited for most retail sectors and cash till areas, where the space is at a premium. It brings greater value to the store owner through compact design, robust performance and superior consumer experience.



### Features

- Compact Footprint
- VESA Mounting for Flexible Deployment
- Peripheral Expansion
- Multiple CPU Selection from Celeron all the way to Core i7



<b>Model Name</b>	<b>PB-4700</b>
<b>Processor</b>	Intel Haswell G1820, 2.80 GHz, 2M Cache to Core i7-4770TE CPU, up to 3.30 GHz, 8M Cache
<b>Memory</b>	DDR3L SO-DIMM x 2, max. 16GB
<b>Storage</b>	SATA Storage x 2
<b>I/O &amp; Expansion</b>	USB x 8 (USB 3.0 x 2 + USB 2.0 x 6) + PoweredUSB x 2 (optional 24V x 1 + 12V x 1) COM x 4 (DB9) + Parallel + LAN + VGA + DP + PS/2 KB + PS/2 mouse + PCI slot; optional 2nd VGA, COM 5/6, 12V PoweredUSB + 24 PoweredUSB
<b>OS Support</b>	Win 7/POSReady 7/WE 8.1 Industry/Win 10 IoT



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[www.posiflex.com](http://www.posiflex.com)



+886 2 2268 5577



[sales@posiflex.com.tw](mailto:sales@posiflex.com.tw)



23, Datong St., Tucheng Dist., New Taipei City 236, Taiwan

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