

The one
that creates a
new trend



IMPREX

Incorporating both sophisticated design and complete stability, the IMPREX is the choice for today's higher-end user

The IMPREX canvases all sectors of the market including retail, restaurant and hospitality markets, and represents POSBANK's vision of a fully integrated POS system with a design that is second-to-none. Engineered for versatility, flexibility and durability, its sleek 2-tone design incorporates the power of a thermal receipt printer, as well as the ability to attach a Magnetic Stripe Reader (MSR), Smart Card Reader (SCR), VFD type Customer Display and 12" 2nd display. Its sturdy structure and wide-ranging tilt screen ensures that the IMPREX makes your business stand out from the crowd.

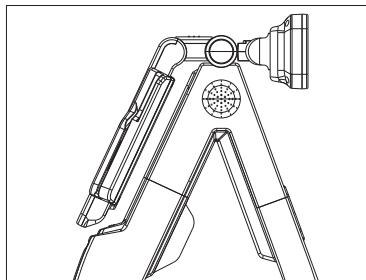


- All-in-one system with touch-screen monitor and integrated printer
- Robust structure designed using industrial strength components
- Innovative silent cooling system using the Intel® processor
- Aluminum dye-casting triangular structure
- Dual hinge-system for adjustable screen angle and height
- Chic dual-tone color design
- RoHS certified

IMPRES

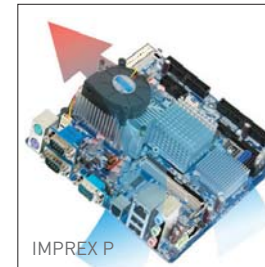


Dual Hinge System is designed to provide optimal visual comfort. It allows users to adjust the angle and the height of the LCD monitor according to the user's preference or eye level. It guarantees 200,000 space times adjustments. (20 times per day for 6 year)



Aluminum Die-casting
Triangular structure constructed from aluminum die-casting frame design to provide maximum reliability.

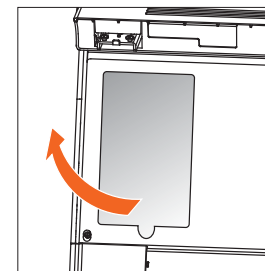
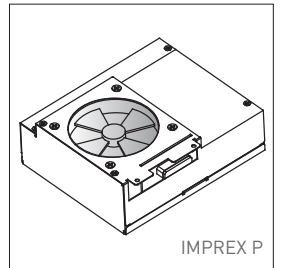
What's Special?



Power cooling system design

The air came into the system to be completely discharged after circulating CPU; the most heat generator and each effective system heat sink. With this smart cooling guarantee stable performance and long life span.

Power Supply Mechanism that provides stable power. It designed to operate without affecting the system when each component operates on maximum power. Also, it decreases the power consumption, increases air flow, and minimizes the noise using 60mm reliable fan.

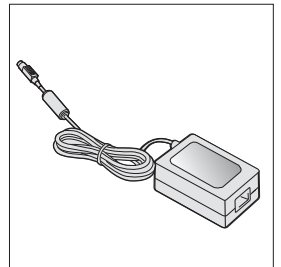


Easy Maintenance

High serviceability mechanical design for easy HDD maintenance. You need to release only one screw to reach HDD.

External Power Supply Unit

Having the power supply unit externally gives the product its lightweight design, as well as minimizing heat produced internally. If the PSU needs changing, simply attach another one without the hassle of disassembling the entire changing, simply attach another one without the hassle of disassembling the entire unit.





Integrated printer

- 3" Thermal receipt printer
- 220mm/sec max, Auto-cutter



Wide range tilt

- Adjustable viewing angle for various situations



Customer display

- VFD type
- 20 columns x 2 lines



2nd LCD display

- 12.1" 2nd LCD monitor
- 1024 x 768 Resolution



**Magnetic Stripe Reader (MSR)
Smart Card Reader (SCR)**

Specification



	IMPREX P	IMPREX D5
CPU	Intel Core 2 Duo processor	Intel Atom processor D525 (1M Cache, 1.8 GHz, Dual Core for Pineview D)
Chipset	Intel 945GME	Intel ICH8M
Storage	SATA HDD 2.5inch (Default 320GB) (Max 2. Optional)	
Memory	DDR2 SODIMM x 2 slot 1GB (MAX. 3GB)	DDR3-800 SODIMM x 1 slot 2GB (MAX. 4GB)
VGA	Intel 82945GM GMCH (Independent dual display)	Intel Gen3.5+GFX Render Core 400MHz (Pineview-D)
Printer	3" thermal printer (220mm/sec max, Auto cutter)	
Display	15" TFT LCD with 5-wired resistive Touch Screen 1024 x 768 resolution	
Internal I/O		
Parallel	1 Port (reserved for internal printer)	Internal 1port (Included in J2 Connector)
USB	3 Ports (reserved for Touch controller, SCR EMV card, MSR controller)	
RS-232	COM 4 reserved for CDP	
Extension	Mini PCI	Mini PCIe
VGA	Reserved for 2nd display (15pin Header, Shared with external D-SUB port)	
LVDS	24bit LVDS	
External I/O		
USB	Rear2, Side 0-2 : depends on	
PS/2	Mouse 1 / Keyboard 1	
RS-232	COM 1 ~ 2 with + 5/12V power output on 9pin	COM 1 ~ 3 with + 5/12V power output on 9pin
LAN	GbE LAN	
Audio	Line-out / Line-in / Mic	
C.D	Cash drawer port	-
VGA	-	Reserved for 2nd display (Shared with internal 15pin Header)
Options		
MSR	Comply with ISO 7811, Support 1 & 2 & 3 track	
SCR	EMV level	
Speaker	-	Internal 50mm speaker (Amplified, mono)
Camera	-	Camera
Dallas	Dallas 1-button reader	
Customer display	VFD type (20 x 2)	
2nd LCD	12.1" LCD or 15" LCD (1024 x 768 resolution)	
2nd HDD	2nd HDD storage	
DVR	DVR Card : 4 channels support	-
WiFi	Mini PCI for wireless LAN	Mini PCIe for wireless LAN
VGA	Mini PCI for VGA card	-
Qualification		
CE, FCC, KC, CCC, CB		
Power	Adaptor 24V, 6A	Adaptor 24V, 6A or 12V, 5A (none printer type)
OS Support	Windows XP/XPE/7, POSReady 2009/7, Linux, WEPOS	
Dimension (WxHxD)	405 x 351 x 345(mm)	



* Product specifications may differ according to region and may be changed without prior notice.