Key Features

• High-End, Stylish and Real All-in-One POS System
• Performance and Energy-Efficient Intel® Processors
  Intel® Core™ Haswell Processors i3, i5, i7 (Fanless)
  Intel® Celeron™ J1900 Quad-Core Processor (Fanless)
• 15" and 17" LED LCD Display, Projective Capacitive Touch
• High-Speed and Jam-Free 3" Thermal Receipt Printer Integrated
• Multiple I/O Ports and Integrated Peripheral Options
• Modular Design for Easy Maintenance

Specifications

General Specifications		Model : Qs(Q3/Q4/Q5), J19
System		
CPU	Q3	Intel® Core™ i3-4100M Processor (3M Cache, 2.50 GHz) / Fanless
	Q4	Intel® Core™ i5-4210M Processor (3M Cache, up to 3.20 GHz) / Fanless
	Q5	Intel® Core™ i7-4600M Processor (4M Cache, up to 3.60 GHz) / Fanless
	J19	Intel® Celeron™ J1900 (2.0 GHz) Quad-Core Processor / Fanless
Chipset	Qs	Intel® HM87 (Co-Lay QM87)
	J19	Intel® Bay Trail
Storage	Qs	SATA 3 (6Gb/s) 2.5 inch SSD 64GB, Support AHCI
	J19	SATA 2 (3Gb/s) 2.5 inch SSD 64GB, Support AHCI
Memory	Qs	2GB Standard (Max. 16GB) Type : DDR3L with 1066 or 1333 MT/s / Socket 1 x SODIMM (Max. 2 Optional)
	J19	2GB Standard (Max. 8GB) Type : DDR3L with 1066 or 1333 MT/s / Socket 2 x SODIMM
RAID	Qs	RAID 0, 1 support
	J19	-
Graphics Controller		Integrated Intel GMA HD
Audio		2 × 0.8W Stereo Speaker
LCD Display		
Size / Type		15" TFT LED Backlight
Resolution		1024 x 768 resolution
Luminance		250 cd/m² (typ.)
Touch Screen		
Type		Projective Capacitive Touch
Controller Interface		USB Interface
I/O Interface		
Display Port		1 x VGA
USB Port	Qs	8 (Rear 6 = USB 3.0 x 4 Ports, USB 2.0 x 2 Ports, Side 2 = USB 2.0 x 2 Ports)
	J19	8 (Rear 6 = USB 3.0 x 1 Port, USB 2.0 x 5 Ports, Side 2 = USB 2.0 x 2 Ports)
PS / 2 Port		1
Serial Port		3 (COM 1 ~ 3 with 5V/12V power output on 9pins)
Ethernet Port		2 x RJ-45
Audio		1 x Line-out, 1 x Mic-in
Power DC-IN		1 (3pins connector)
Power Requirement		
Adapter Input		Adaptor 24V, 5A

OS Support	
OS	Windows 7, Windows 8.1, POS Ready 7
Mechanical & Environmental	
Operating Temperature	0°C ~ 50°C at 10% ~ 80% humidity
Storage Temperature	-20°C ~ 80°C at 10% ~ 80% humidity
Dimensions (W x H x D)	364 × 382 × 285 (mm), 14.3 × 15 × 11.2 (inch)
Net Weight	9,400g
Packing Dimension (W x H x D)	460 × 470 × 470 (mm), 18.1 × 18.5 × 18.5 (inch)
Packing Weight	12,500g
Qualification	CE, FCC, KC

Optional Configuration	
Touch Screen	5-wired Resistive Touch Screen
Integrated Printer	3" Jam-Free Thermal Receipt Printer
	200mm/sec max, Auto cutter (Interface : Serial, USB)
Storage	2.5 inch SSD 128GB
	2.5 inch HDD 500GB
	2.5 inch HDD 1TB
	2nd 2.5 inch SSD 64GB
	2nd 2.5 inch SSD 128GB
	2nd 2.5 inch HDD 500GB
	2nd 2.5 inch HDD 1TB
I/O Expansion	1 x Parallel Port (D-SUB 25pins)
	1 x Expansion Slot (mini PCIe for wireless LAN)
	1 x DVR Card (PCI 4 Channel)
	1 x Cash Drawer Port (RJ11 6pins)
Customer Display (CDP)	VFD (20 columns x 2 lines)
Dual Display	9.7" 2nd LCD (1024 x 768 resolution)
	12.1" 2nd LCD (1024 x 768 resolution)
	15" 2nd LCD (1024 x 768 resolution)
Magnetic Stripe Reader	MSR : Comply with ISO 7811, Support 1 & 2 & 3 track
Smart Card Reader	SCR : EMV level 1, 2
Dallas	Dallas I-button reader
Blower Fan	1 (40mm x 40mm, Normal type)
Battery	Smart Battery : 3S1P 2050mAh
	Smart Battery : 4S1P 2050mAh
Color	Custom Colors Available

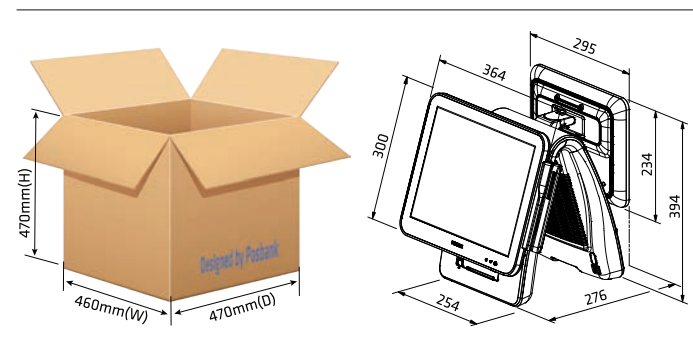*Specifications may change without prior notice.

Options

Printer Module

Multi-reader (MSR, SCR)

Customer Display

2nd Display

Dimension View

364 — 295 — 300 — 234 — 394 — 254 — 276 — 470mm(H) — 460mm(W) — 470mm(D)

High Performance Meets Stylish Look

IMPREX® PRIME

What Makes Us Different?

At Posbank, we believe that we should do more than providing the best products. It is about helping you bring the best-in-class solutions to your customers. We are committed to improve our solutions and process continuously through ongoing support of our five focus areas.

Design. We deliver POS systems with impressive design that enhance customer's brand image.
Quality. We strive to meet stringent standards fulfilled by our in-house R&D and manufacturing facility.
Trend-leading. We build trend-leading POS systems that help customers to be more successful in their business.
Continuity. We offer continued support for customers during the product life cycle.
Proximity. We operate global partner network and warehouses near your business.

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POS**BANK** ®

Entirely New POS System

The IMPREX® PRIME is a whole new generation of high-end all-in-one POS system, featuring innovative design, stylish look, robust performance, maximum reliability, superior expandability and advanced manageability to meet today's challenges in the retail and hospitality environments.

Highlights

- Stylish, innovative, real all-in-one design to enhance store image.
- Robust performance to run latest business applications.
- Maximum reliability ensuring years of dependable operation.
- Optional peripherals and multiple I/O ports to meet changing business requirements.
- Advanced manageability to lower cost and minimize downtime.

15" and 17"
LED LCD Display,
PCAP Touch

Performance/
Energy-Efficient
Intel® Processors

Integrated
Peripheral
Options

Fanless
Technology
& Aluminum
Die-Casting
Frame

High-Speed
Jam-Free Thermal
Receipt Printer

Multiple I/O Ports
- 2 x Side USB Ports (standard)
- 1 x Parallel Port (option)
- 1 x DVR Card (option)
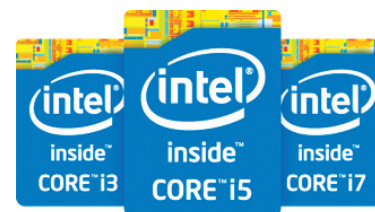
Innovative Stylish All-in-One Design

The layout of a store can be crucial, and the POS system is at the heart of it. How the POS system looks is as important as what it can do for both business owners and customers. With innovative all-in-one system, the IMPREX® PRIME does just that. There is no need to decide what to have around it. And its stylish look can enhance store image and make your business more appealing.

15" 1024 x 768 Resolution **17"** 1280 x 1024 Resolution

LED LCD True-Flat
Touch Display

POSBANK

15" and 17" LED LCD Touch Display and
a Thermal Receipt Printer Integrated

Robust Performance

Performance-optimized technology makes the IMPREX® PRIME mor e valuable to customers. The IMPREX® PRIME is built with high-end computing in mind, to provide business owners with the processing power needed to improve business efficiency and speed up customer services.

intel inside™ CORE™ i3   intel inside™ CORE™ i5   intel inside™ CORE™ i7

Performance/Energy-Efficient Intel® Processors
- Intel® Core™ Haswell Processors i3, i5, i7
- Intel® Celeron™ J1900 Quad-Core Processor

Maximum Reliability

POS system should be capable of operating in harsh environments. (i.e., unexpected power-outages, vibrations, dust, shocks, spill, etc.) Reliability is a key factor that determines the life expectancy of a product. With the components optimized for longer product life, the IMPREX® PRIME is the perfect choice even in demanding retail and hospitality segments.

Superior Expandability

With integrated POS peripherals and multiple I/O ports, the IMPREX® PRIME embodies a flexible design that can be customized to fit customer's business environment.

Multiple I/O Ports

Model : J19   Model : Qs

Advanced Manageability

Its innovative tool-less design allows quick access to components, enabling fast and easy service and upgrades. Built with modular technology, there is no need to send the whole system for maintenance to be serviced if a breakdown occurs.

Printer Module

Tool-less