

High Performance Meets Stylish Look

# **GSS IMPREX PRIME**



## 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.



## Innovative Stylish All-in-One Design

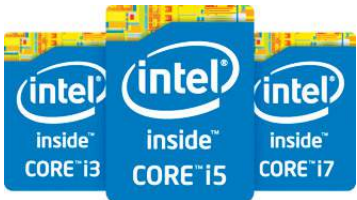
The layout of a store can be crucial, and the POS system is at the heart of it. How the POS system looks is as important as what it can do for both business owners and customers. With innovative all-in-one system, the IMPREX® PRIME does just that. There is no need to decide what to have around it. And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



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

## Robust Performance

Performance-optimized technology makes the IMPREX® PRIME more 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.



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.



## 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
<b>System</b>		
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 x 0.8W Stereo Speaker	
<b>LCD Display</b>		
Size / Type	15" TFT LED Backlight	
Resolution	1024 x 768 resolution	
Luminance	250 cd/m <sup>2</sup> (typ.)	
<b>Touch Screen</b>		
Type	Projective Capacitive Touch	
Controller Interface	USB Interface	
<b>I/O Interface</b>		
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)	
<b>Power Requirement</b>		
Adapter Input	Adaptor 24V, 5A	

<b>OS Support</b>	
OS	Windows 7, Windows 8.1, POS Ready 7
<b>Mechanical &amp; Environmental</b>	
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 x 382 x 285 (mm), 14.3 x 15 x 11.2 (inch)
Net Weight	9,400g
Packing Dimension (W x H x D)	460 x 470 x 470 (mm), 18.1 x 18.5 x 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) 2.5 inch SSD 128GB 2.5 inch HDD 500GB 2.5 inch HDD 1TB
Storage	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) 9.7" 2nd LCD (1024 x 768 resolution)
Dual Display	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

