

**Unique Versatility, Unique Style**



Standard Model, 17" operator display,  
12" customer display, thermal printer, MSR



Standard Model, 15" operator display,  
20 x 2 VFD customer display, thermal printer

**TWINPOS G5 Specifications**

Features	Specifications		
	Standard Model	Fanless Model (HDD/SSD)	
Processor	Celeron® 1.86GHz Core™ i3 2.13GHz Core™ i5 2.4GHz Core™ i7 2.53GHz	Atom™ D525 1.86GHz	
Main Memory	DDR3 1GB to 4GB		
Hard disk drive/solid state drive	3.5" SATA 320GB HDD	2.5" SATA 250GB HDD	8GB SSD
Operating system preinstalled	Windows® Embedded POSReady 2009		
Operating system supported (for non-OS model)	Windows® XP (SP3/32-bit), Windows® 7 (32-bit)		
Network	1000BASE-T/100BASE-TX/10BASE-T		
I/O board	DC OUT Plus	Standard	Standard
Display	VGA x 1		
PS/2	2		
Audio	Line-in x 1, microphone x 1, line-out/headphone x 1		
COM	3		
USB 2.0	3 (front x1)	7 (front x 1)	7 (front x1)
12V powered USB	1	0	0
Powered COM (5V or 12V)	3		
24V DC outlet (for printer, max 3A)	1	0	0
Cash drawer	2		
Parallel	1		
Operator display	12.1"(XGA), 15"(XGA) or 17"(SXGA) LCD		12.1"(XGA) or 15"(XGA) LCD
Customer display (optional)	8"(SVGA) or 12.1"(XGA) LCD or 20x2 VFD		
Weight (without customer display)	12":11.4kg (25.1lb)		
	15":12.1kg (26.6lb)		
	17":12.5kg (27.5lb)		
Dimensions (W x D x H mm)	12":300 x 236 x 403		
	15":361 x 239 x 414		
	17":401 x 244 x 432		
Power consumption (typical operation)	Celeron, OP15", CU8.4", MSR: 60W Max configuration: 180W Max power capacity:250W		Atom, OP15", MSR: 30W Max configuration: 70W Max power capacity:100W
Optional software	Remote maintenance solution interface		



\*Features and specifications are subject to change without notice.  
 \*Peripheral availability may vary depending on area. For details, please visit your local dealer or <http://www.nec.com/pos/>  
 \*Microsoft Windows and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.  
 \*Celeron®, Atom™ and Core™ are trademarks or registered trademarks of Intel Corporation. See the notes in the relevant products for details.  
 \*'PassMark' is a registered trademark of PassMark Software Pty Ltd.  
 \*The colors of products shown in this brochure may vary from actual product colors due to printing conditions.  
 \*When exporting this product, follow necessary procedures such as application for export permits from the Japanese government, as stipulated in the Foreign Exchange and Foreign Trade Control Law. Also, follow required procedures for applicable U.S. Export Administration Regulations or other foreign government regulations.

**Notes on Safety**

Please carefully read documents enclosed with the products to ensure proper use.	Do not install in locations where high amounts of water, humidity, dust, or oil smoke are present. Doing so may cause a fire, breakdown or electric shock.
--	--

**NEC Infrontia Corporation**



**TOUCH SCREEN POS SYSTEM**

**TWINPOS G5**

**Leave compromise behind**



**Specialty Stores**

TWINPOS G5 offers the smallest footprint of any dual LCD system. You can play promotion movies on the customer LCD to attract store guests as a digital signage solution.



Standard Model  
15" operator display, 12" customer display, thermal printer, handheld barcode scanner

**F & B**

A fanless motherboard, compact footprint, SSD option and large touch screen perfectly meet the requirements of harsh store environments in the F&B industry.



Fanless SSD Model  
15" operator display, 20 x 2 VFD customer display, thermal printer

**Convenience Store**

Large store chains require the lowest TCO possible. The eco-friendly and tool-free design of TWINPOS G5 can significantly lower your electricity and service costs.



Standard Model  
15" operator display, 12" customer display, thermal printer, stand barcode scanner



# Discover the **LOWEST TCO** for Your Retail Operations.

TWINPOS G5 lowers costs in your retail operations with TCO-slashing serviceability and powerful energy-efficient performance – made possible by NEC leading-edge technology that flexibly satisfies the highest expectations of demanding retailers worldwide. Advances include tool-free component replacement, the smallest footprint in its class, a choice of five energy-efficient Intel CPUs (Core™ i, Atom™ or Celeron®), fanless option, a guaranteed 5-year supply of key components, remote maintenance capabilities, and much more. Discover the clear advantages of TWINPOS G5.



## Tool-free Maintenance

Smart G5 design significantly simplifies maintenance.

## Small Footprint

G5 offers the smallest footprint among competing systems.

## Powerful and Eco-friendly Performance

G5 achieves a perfect harmony between performance and energy-efficiency to deliver the lowest possible TCO.

## Flexibility & Reliability

G5 meets the diverse needs of retailers in their everyday operations.

## Tool-free Maintenance

### TWINPOS G5 slashes maintenance costs at your store.

- Tool-free design allows key component replacement in less time than similar touch screen POS terminals from other vendors, by any service staff, minimizing recovery time and servicing costs.
- Instant HDD or I/O board replacement from the side.
- Lockable side cover protects vital data from unauthorized removal.
- Optional plug-in for integration with standard remote service solutions via SNMP or WMI interface.
  - Remote terminal monitoring enables quick response to urgent situations, preventative guidance, and remote software services that can drastically reduce servicing costs.
  - TWINPOS G Series POS terminals are the first to support a client agent for Microsoft Windows Embedded Device Manager 2011.

Enterprise

IT Department

Client PC or Server

POS

Web Terminal

Handheld Terminal

Remote Maintenance

I/O board

HDD

Power supply

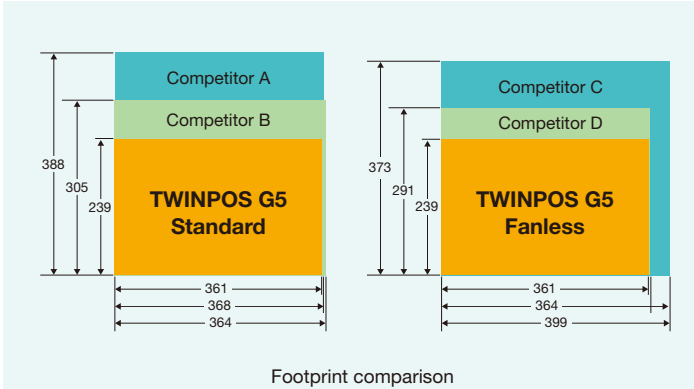
Touch panel

Tool-free hardware design

## Small Footprint

### TWINPOS G5 overcomes the severe space constraints of retail establishments.

- The smallest footprint among competing touch screen POS systems.
  - 12": W 300 x D 236 x H 403 mm
  - 15": W 361 x D 239 x H 414 mm
  - 17": W 401 x D 244 x H 432 mm
- Saves valuable counter space
- Easier to maintain
- Requires less materials to manufacture



## Flexibility & Reliability

### TWINPOS G5 offers wide-ranging options to meet particular store needs.

- Standard Model or Fanless Model (HDD/SSD)
- 5 choices of CPU (Core™ i7 2.53GHz, Core™ i5 2.4GHz, Core™ i3 2.13GHz, Celeron® 1.86GHz, Atom™ D525 1.86GHz)
- Fanless model support for the F&B industry.
- NEC guarantees a 5-year supply of Core™ i CPUs for an extended lifecycle and lower TCO.
- 1 to 4 GB of memory
- 12", 15" or 17" operator display
- 2 choices of I/O boards (Standard or DC OUT Plus)
- Standard I/O Board has 7 USB ports ideal for connecting multiple USB peripherals.
- DC OUT Plus I/O Board has power interfaces (USB, COM, DC outlet) that make installation easy.

Two choices of I/O boards

Standard

DC OUT Plus

Bottom view

Powerful, energy-efficient Intel CPUs



### Why Fanless?

- Less trouble because dust and oily air are not sucked in. Perfect for harsh F&B environments.
- Less noise. Perfect for specialty stores with refined atmospheres.
- Lower power consumption because a more energy-efficient CPU is adopted.

## Eco-friendly Design

### TWINPOS G5 is designed to minimize environmental impact.

- Energy-efficient mobile CPU (35W vs. 65W for desktop PCs).
- Meets stringent NEC Eco Symbol environmental standards including use of non-hazardous materials.

### NEC's "Eco Symbol" Environmental Label

The NEC Eco Symbol is part of an in-house hardware labeling system that was established in December 1998 to help promote the development of environmentally sound products and to provide customers with environmental data on products. Only products that meet NEC's highest environmental standards under this system are awarded the Eco Symbol and registered as the company's most advanced Eco products.

For details please visit: [http://www.nec.co.jp/eco/en/product/eco\\_symbol/index.html](http://www.nec.co.jp/eco/en/product/eco_symbol/index.html)

