\Orchestrating a brighter world **NEC**

Specifications

Intel® Celeron® J1900

		Desktop Models		Pole/Wall Mount Models
Processor		Intel® Celeron® J1900, up to 2.42 GHz		
Memory		DDR3 2 Slots, 4GB x1 SO-DIMM (up to 8GB)		
Storage		w/ or w/o 256GB SSD		
Operator Display		15" TFT LCD (LED Backlight) w/ Capacitive Touchscreen Resolution: 1024 x 768 (XGA) Brightness: 297.5 cd/m²		
Customer Display		2 x 20 Alphanumeric VFD (Built-in)	10.1"TFT LCD (LED Backlight) w/ Capacitive Touchscreen Resolution: 1280 x 800 (WXGA) Brightness: 417.6 cd/m²	Optional for Pole Mount Model only 10.1" / 15" TFT LCD (LED Backlight) w/ Capacitive Touchscreen Resolution: 10.1"(1280x800) / 15"(1024x768)
Operating System (Pre-installed)		Windows® 10 IoT Enterprise (64 bit)		
Operating System (Supported)		Windows® 10 IoT Enterprise (64 bit)		
Lock		Equivalent to Kensington Lock		No
MSR (Optional)		x 1 (ISO 1/2/3) Default: USB-HID Optional: USB-HID Keyboard (Keyboard Emulation Interface)		
I/O Panel	USB 2.0	x 4		
	Powered USB	x 1 (12V), x1 (24V)		
	COM	x 1 (D-sub 9-pin serial)		
	Powered COM	x 1 (D-sub 9-pin serial RI/ +5V (default)/ +12V)		
	LAN	x 1 (RJ-45 10 / 100 / 1000BASE-T)		
	Cash Drawer	x 1 (RJ-11)		
	DC-in (24V)	x 1		
Dimensions (W x D x H, w/o peripherals)	mm	390 x 272.5 x 406	390 x 296 x 406	390 x 80 x 337
	in	15 x 10 x 16	15 x 11 x 16	15 x 3 x 13
Weight (w/o peripherals)	kg	10	9	6
	lb	22	20	13
Power Consumption		Idle 26W / Max. 180W		
Power Supply		AC Adapter		
Color		Black (main unit) + Silver (base unit)		Black (main unit)
Systems Management		PXE Network boot Wake on LAN		

Intel® Core™ i3-6100TE/ Intel® Core™ i5-6500TE

		Desktop Models	
Processor		Intel® Core™ i3-6100TE, 2.7GHz	Intel® Core™ i5-6500TE, up to 3.3 GHz
Memory		DDR4 2 Slots, 4GB x1 SO-DIMM (up to 16GB)	
Storage		w/ or w/o 256GB SSD	
Operator Display		15" TFT LCD (LED Backlight) w/ Capacitive Touchscreen Resolution: 1024 x 768 (XGA) Brightness: 297.5 cd/m²	
Customer Display		10.1" TFT LCD (LED Backlight) w/ Capacitive Touchscreen Resolution: 1280 x 800 (WXGA) Brightness: 417.6 cd/m²	
Operating System (Pre-installed)		Windows® 10 IoT Enterprise (64 bit)	
Operating System (Supported)		Windows® 10 IoT Enterprise (64 bit)	
Lock		Equivalent to Kensington Lock	
MSR (Optional)		x 1 (ISO 1/2/3) Default: USB-HID Optional: USB-HID Keyboard (Keyboard Emulation Interface)	
I/O Panel	USB 2.0	x 4	
	Powered USB	x 1 (12V), x1 (24V)	
	COM	x 1 (D-sub 9-pin serial)	
	Powered COM	x 1 (D-sub 9-pin serial RI/ +5V (default)/ +12V)	
	LAN	x 1 (RJ-45 10 / 100 / 1000BASE-T)	
	Cash Drawer	x 1 (RJ-11)	
	DC-in (24V)	x 1	
Dimensions (W x D x H, w/o peripherals)	mm	390 x 296 x 406	
	in	15 x 11 x 16	
Weight (w/o peripherals)	kg	9	
	lb	20	
Power Consumption		Idle 35W / Max. 180W	
Power Supply		AC Adapter	
Color		Black (main unit) + Silver (base unit)	
Systems Management		PXE Network boot Wake on LAN	PXE Network boot Wake on LAN Intel® Active Management Technology Keyboard-Video-Mouse (KVM) Remote Control

Specifications and designs in this brochure are subject to change for improvement without notice.
NEC shall not be responsible for technical or editorial errors.
This product includes limited-life components like SSD, VFD and MSR.
The replacement frequency of limited-life parts depends on the usage conditions. Please refer to the installation manual for details.

Why NEC?

NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company's experience and global resources, NEC's advanced technologies meet the complex and ever-changing needs of customers. NEC has more than 38 years of history of POS innovation and it has been offering stare-of-the-art POS systems to global retailers.

⚠ Safety Notice | Before you use this product, please read carefully and comply with the cautions and warnings in manuals such as User's Guide and Installation Guide. Incorrect use may cause a fire, electrical shock or injury.

Corporate Headquarters (Japan)

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Style with Performance for Your Store

TWINPOS GS100Li

Style with Performance for Your Store

The TWINPOS G5100Li delivers high performance by leveraging 6th Generation Intel® Core™ i3 and Intel® Core™ i5 processors in combination with Windows® 10 IoT Enterprise OS. The highly reliable TWINPOS G5100Li features an enterprise SSD, an IP64*1 rated operator display*2 and a fan-less model powered by Intel® Celeron® J1900. The flexible sleek design of TWINPOS G5100Li offers desktop and Pole/Wall Mount options to fit various store formats, making it an ideal choice for retailers.

*1 IP (International Protection) Code : Degrees of protection provided by enclosures
*2 Front panel of the operator display

Performance

Enterprise Intel® Processors

• Intel® Core™ i5-6500TE, up to 3.3 GHz*3
• Intel® Core™ i3-6100TE, 2.7GHz*3
• Intel® Celeron® J1900, up to 2.42GHz

*3 Not available for pole/wall mount model

Operating System

• Windows® 10 IoT Enterprise (64 bit)

Windows 10 IoT Enterprise

Projected Capacitive Touchscreen

TWINPOS G5100Li features a projected capacitive touchscreen that offers better experience to operators and customers while interacting with the POS.
• High sensitivity and quick response
• Excellent image clarity
• Multi-touch capability (up to 10 points) with gesture support
• High durability
• Resistance to surface contaminants and liquids

Reliability

IP64 Rated Front Panel of the Operator Display

TWINPOS G5100Li features the IP64 rated dust and water proof operator display, making it resistant to harsh external environments.

Flat Display

The flat display is easy to clean and provides a sophisticated look.

Enterprise Class Solid State Drive

Various advantages over HDD
• Longer life
• Faster access time
• Lower power consumption
• No noise

Fan-less Operation

• A low heat generating Intel® Celeron® J1900 CPU enables fan-less operation.
• The fan-less operation is especially suitable for environments with dust or oil usage, as well as for noise sensitive places such as upscale stores or restaurants.

Stylish Look with Functionality

Multiple Installation Styles

Desktop
Standard Configuration fits all store formats

•Intel® Celeron® J1900

| Stand w/10.1" Customer Display | Stand w/ built-in VFD |

•Intel® Core™ i3-6100TE/ Core™ i5-6500TE

| Stand w/10.1" Customer Display |

Pole/Wall Mount
More flexibility in installation and space saving

•Intel® Celeron® J1900

| Pole/Wall Mount | Pole Mount w/ 10.1" Customer Display | Pole Mount w/ 15" Customer Display |

•Options for Pole Mount Installation

| 10.1" Customer Display | 15" Customer Display |

Options for Desktop and Pole/Wall Mount Installations

| MSR | Memory (4GB / 8GB*4) |

*4 Not available for Celeron® J1900

Elegant and Practical Design

TWINPOS G5100Li brings together style and functionality to meet your needs. The sleek and robust aluminum die-cast stand comes with a cable cover for easy and tidy cable management – providing uncluttered counter space and enhancing your store image.