

J2 680L

Integrated Touchscreen Computer



Key Features

- > Intel G550T 2.2GHz Dual Core processor or optional i3 2.6GHz or i5 2.7GHz
- > Zero Bezel True Flat Resistive or Multi-Touch Projected Capacitive Touch technology
- > 15 inch 4:3 LED backlit LCD
- > Very high performance with low power usage
- > Fan or Fanless Operation
- > Single or Dual SATA drives
- > 320GB HDD or 16GB SSD SATA drive standard
- > Printer Power from J2 680L
- > PoweredUSB 24V and 12V
- > 6 external USB ports
- > 4 external serial ports with power
- > Secondary video with VGA and HDMI support

Benefits

- > Reliable
- > Superior Serviceability, Easy Access
- > Long Product Life Cycle
- > Feature Rich
- > Compact and Versatile
- > Value based High End Product



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Powerful – Feature Rich – Reliable

The J2 680L is a value priced variation of the popular J2 680. While retaining the majority of the J2 680 features the J2 680L is able to offer a more attractive price point while still offering a rich feature set and high performance.

Based on the Intel 2nd generation dual core desktop processors the J2 680L provides excellent high end performance. Coming standard with the G550T 2.2GHz dual core processor it can also be order with and i3-2.6GHz or i5-2.7GHz processor. The processors are low power and can be run in a fan on or fan off mode for harsh environments.

Equipped with the latest generation 15 inch high brightness 4:3 LED backlight LCD screen,

coupled with a zero bezel Projected Capacitive (PCT) or True Flat Resistive (TFR) touch screen, the J2 680L has one of the easiest to use and reliable user touch interfaces available. The zero bezel design not only provides a modern look but aids cleaning and keeps spills and dirt away. Furthermore, the PCT touch screen provide multi touch with gesturing capabilities required by newer operating systems helping to future proof the J2 680L.

The J2 "All in the Head" design allows the terminal to be mounted counter top, on a pole or wall and supports the VESA mounting pattern.

Supporting PoweredUSB ports, powered serial ports and power for a printer allows for use of just one AC power point. This is very useful with the optional built-in UPS as all peripherals can be powered via the UPS.

The J2 680L supports a wide range of optional add-on peripherals. These include MSR, Customer Displays, Biometrics, RFID, iButton, UPS and others providing a truly versatile and high performance POS terminal.

**All J2 products
are RoHS and
WEEE compliant**

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System Board

Processor	Intel G550T 2.2GHz standard Intel i3-2.6GHz or Intel i5-2.7GHz optional
Chipset	H61
Memory	2GB, 16GB max, DDR3 DIMM 1667MHz

LCD & Touchscreen

LCD	15 inch TFT LED backlight 300 cd/m ²
Resolution	1024x768
Touchscreen	True Flat Resistive (TFR) or multi-touch Projected Capacitive Touch (PCT)

I/O Ports

USB Port	6, 2 x Cable Well, 1 x Side, 3 x PoweredUSB
PoweredUSB	2 x 12V, 1 x 24V
Serial Ports	4 optional power, 1 x 5V, 3 x 12V
Printer Power	24V supply for POS Printer
LAN	10/100/1000, internal WLAN option
Cash Drawer	1 x RJ11, 2 drawer support, 12V or 24V
Audio	Internal speaker, Line in, Head set/Line out
Secondary Display	VGA with optional 12 power DisplayPort with DVI / HDMI support
Optional	PS/2 Keyboard port / Parallel port

Storage

HDD & SSD	Dual SATA 2.0 3GB/s drive bays 320GB HDD or 16GB SSD drive standard
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Environmental

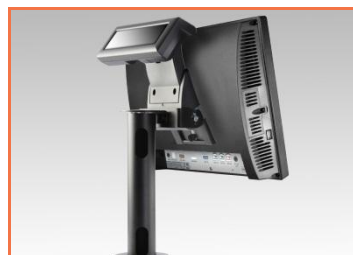
Temperature	0°C~40°C operating fan off mode 0°C~50°C operating fan on mode
Safety / EMI	UL/CE and others / CE/FCC Class A
IP Rating	IP65 front panel, IP54 unit

Options

MSR* reader	Base mounted UPS, 2.5 hour run time
MSR/RIFD reader	20x2 line customer display LCM or VFD
MSR/Fingerprint reader	10.1" LCD customer Display
MSR/iButton reader	14.1" LCD customer display w/wo touch

Dimensions

Width 365mm
Depth 220mm
Height 310mm



Pole mount with VFD customer display



Extensive I/O ports



10.1 inch 16:9 LCD customer display



14.1 inch 16:9 LCD customer display

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