

Integrated Touchscreen Computer



Dual screen system



Powerful – Feature Rich – Reliable

The **J2 690** is the latest version of the very popular 680, offering a very rich feature set and very high performance.

Based on the Intel 4th generation dual core desktop processors, the **J2 690** provides excellent high end performance. It supports Intel's Vpro and AMT when using an i5 / i7. Intel® Rapid Storage Technology (Intel® RST) RAID is also supported. The processors are low power and can be run in a fan on or fan off mode.

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

coupled with a zero bezel Projected Capacitive (PCT) touch screen, the **J2 690** has one of the easiest to use and reliable user touch interface 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 provides multi touch with gesturing capabilities required by newer OS like Windows 8.1 and Windows 10.

The new slide in / out motherboard allows for tool-less service in seconds.

This exclusive "All in the Head" design allows the terminal to be mounted counter top, on a pole or wall, supporting the VESA mounting pattern. Powered USB ports + serial ports + printer allow use of one single AC power point. This is very useful with the optional built-in UPS (powering all peripherals).

The **J2 690** 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.

J2 690

- Intel Haswell G1820 2.7GHz processor & optional Intel Haswell i3, i5, i7
- Projected Capacitive Touch technology (PCT)
- 15 inch 4:3 LED backlit LCD
- Very high performance with low power usage
- Fan or Fanless Operation
- Single or Dual 2.5" SATA 3.0 drives HDD/SSD
- Intel® Rapid Storage Technology RAID
- Intel Vpro and AMT support
- Powered USB 24V and 12V
- 8 external USB ports
- 5 external serial ports with power
- Secondary video with VGA and HDMI support



MODEL

J2 690

Processor(s)	Intel Haswell G1820 2.7GHz standard Intel Haswell i3, i5 or i7 optional
Chipset	Q87, Vpro and AMT support with i5 / i7
RAM Memory	4GB, 32GB max, DDR3 1333 SODIMM
HDD & SSD	Dual 2.5" SATA 3.0 6B/s drive bays 500GB HDD standard, SSD optional

L C D & T O U C H S C R E E N

LCD	15 inch TFT LED backlight 300 cd/m ²
Resolution	1024 x 768
Touch Screen	Projected Capacitive Touch (PCT) standard

E X T E R N A L I / O P O R T S

USB Ports	8 total: In Cable well 2 x 3.0, 2 x 2.0, 2 x +12V and 1 x +24V Powered USB 1 x 2.0 side of unit
Serial Ports	5 total, 3 x DB9, 2 x RJ45, +12V/+5V option
Printer Power	24V supply for POS Printer
LAN	10/100/1000, internal WLAN option
Cash drawer	1 x RJ 11 (2 drawer support, 12V or 24V)
Audio	Internal speaker, Line in, Head set/Line out
2 nd display	VGA with optional +12V power Mini-DisplayPort with DVI / HDMI support
Standard	PS/2 Keyboard port / Parallel port

E N V I R O N M E N T

Temperature	0°C ~ 40°C operating fan off mode (32°F ~ 104°F) 0°C ~ 50°C operating fan on mode (32°F ~ 122°F)
Safety / EMI	UL/CE and others / CE/FCC Class A
IP Rating	IP65 front panel, IP54 unit
Dimensions (W x D x H)	365 x 220 x 310 mm

O P T I O N S

MSR*, MSR/RFID, MSR/Fingerprint, MSR/iButton reader
20 x 2 line customer display LCM or VFD
2 nd screen (dual screen system for digital display applications) - 10.1" LCD / 14.1" LCD w/wo touch
Base mounted UPS, 2.5 hour run time

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Compatible O/S	Windows 10, Windows 8.1, Windows 7 Pro, POSready 7, Linux
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Zero edge bezel



14.1 inch 16:9
LCD customer display



Extensive I/O ports



Slide in / out mother board

Specifications are subject to change without notice - © AURES 2016

*encrypted version available

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MANUFACTURER OF REMARKABLY
DIFFERENT EPOS TERMINALS