

J2 650

Integrated Touchscreen Computer



Key Features

- > Intel CORE 2 DUO CPU support
- > Intel High Speed Desktop Chipset
- > 15" 1024x768 TFT LCD (Dual Bulb)
- > Thick or thin client application
- > Hard disk drive / RAID / Compact Flash
- > Resistive or SAW Touchscreen
- > 3 track MSR (option)
- > 3 external serial ports
- > 5 external USB 2.0 ports
- > Dual display support standard
- > OPOS drivers

Benefits

- > Low cost of ownership
- > Fan off Green Mode
- > Base, pole or wall mountable using standard VESA mount
- > Designed by J2 Retail Systems' design and development team



J2 650 Integrated Touchscreen Computer

The 650 is an outstanding integrated touchscreen unit providing the flexibility to suit a myriad of modern retail environments. Combining high performance and reliability together with low overall cost of ownership, the 650 takes integrated touchscreen technology to the next level giving the option of resistive touchscreen or surface acoustic wave touchscreen technology, according to customer needs

The J2 650 takes the integrated touch screen computer to the next level of performance. By utilizing Intel's® latest "green" desktop chipset J2 has been able to provide a level of performance not before available in an integrated unit. The 650 supports a wide range of Intel® socket 775 processors ranging from a 1.6 GHz CORE Celeron to a 3.0 GHz CORE 2 DUO CPU with 1066 MHz FSB speeds and 800 MHz memory support. The 650 supports a number of high level features such as a hot swappable RAID, Microsoft VISTA support and a fan off "Green Mode" for a much reduced carbon foot print. Since the chipset used for the 650 is part of Intel's embedded roadmap the 650 will maintain a very long product life.

Accessibility is the key to the machines maintenance or upgradeability. The motherboard can easily be removed and exchanged. A processor upgrade can be performed in less than ten minutes and a hard drive can be swapped in less than three.

Even though the 650 was design to support very high end thick applications it is also a perfect product for very thin applications as well. The cost of the base 650 unit is lower than most thin client units and also in "Green Mode" uses less power than other systems.

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

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System Board

CPU	CORE 2 DUO 2.6/2.53/2.13 GHz Pentium Dual Core 2.4/2.0/1.8 GHz, CORE Celron 1.6GHz
Memory	DDR2 DIMM 800/667/533 MHz, 2 Sockets up to 4GB

LCD & Touchscreen

LCD	15" TFT (1024x768)
Touch Screen	Resistive Membrane or Acoustic Wave
Brightness	250-20 cd/m2 Auto adjust or preset

I/O Ports

Serial	3 external, 2 can be powered + 12 VDC
USB	5 external, USB 2.0
PS/2	Keyboard
LAN	10/100/1000 Base T
Parallel	1 ECP/ EPP
Cash Drawer	2 x 24 VDC
Sound	Internal speaker and head set jack line in
Printer Power	24 VDC 2.0 AMP industry standard (cable included)

Storage

Compact Flash	Type I or II; IDE mode UDMA 133
HDD / RAID	1 or 2 hot swapable 2.5 SATA drives, RAID 0 / 1

Expansion

Expansion Bus	Internal port for 802.11g/n Wireless Ethernet
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Physical

EMI	CE/FCC Class A
Safety	External AC adapter 135W + 19VDC, UL, C/UL, CE, TUV

Options

MSR	3 Track ISO OPOS drivers
Fingerprint Reader	Digital Persona, MSR optional
Dallas Key	
Customer Display	2x20 Character Black on White LCD High Contrast
Secondary Display	10.4 1024x768 250 cd/m2
Wireless LAN	Internal or USB

O/S Support

O/S Support	VISTA, XP, WEPOS (HDD/CF), XP Embedded (HDD/CF) Linux (HDD/CF), CE 5.0/CE 6.0 (CF), DOS
OPOS	OPOS driver supported

Dimensions

Width 355mm (13.9")
Depth 240mm (9.4")
Height 355mm (12.6")



VESA Mount



Electronics



Hot Swap RAID



Connectivity

Contact

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