J2 615
Integrated Touchscreen Computer

J2

Key Features

> Intel's new Atom 1.6GHz Processor
> 15" LCD with Elo resistive touchscreen
> Solid State Drive
> Fanless
> 1 GB memory standard
> 4 external serial ports
> 4 external USB 2.0 Ports
> Secondary display supported with power
> 3 track MSR option
> Superb reliability

Benefits

> Extremely low cost of ownership
> Fanless
> Small carbon footprint
> Base, pole or wall mountable using optional VESA mount
> Designed by J2 Retail Systems Research & Development team

J2 615 Integrated Touchscreen Computer

Integrating the Intel Atom 1.6GHz processor J2's 615 unit provides a new versatile touchscreen computer that will deliver outstanding performance as well as superb reliability with extremely low cost of ownership.

The J2 615 sets a new standard for price and performance and is the first touchscreen Point of Sale computer to offer a Solid State Drive (SSD) as standard in addition to standard 1GB of RAM. Providing brilliant performance, the 615 features the Intel Atom processor and the 945GSE/ICH7M chipset.

Designed especially with reliability in mind, this system features convection cooling that requires no fan; as well as an 8GB solid state drive for storage, thereby eliminating all moving parts from the system. The ELO touch controller and the ELO resistive touchscreen gives unmatched touch responsiveness and reliability. This unique computer does not compromise and offers full featured I/O ports. It is one of the best integrated touchscreen solutions available in the marketplace today.

All J2 products are RoHS and WEEE compliant

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System Board

CPU	INTEL 1.6 GHz Atom, 512KB L2 Cache, 533MHz FSB
Chipset	Intel 945GSE, ICH7M
Memory	SO-DIMM DDR2 533MHz, 1GB Standard

LCD & Touchscreen

LCD	15" TFT 1024x768
Touch Screen	ELO Resistive Touchscreen and Controller
Brightness	250 cd/m2

I/O Port

External I/O

Serial	4 RS-232 RJ45, two with power
USB	4 USB 2.0 Ports
Secondary Video	Analog monitor support with power
Cash Drawer	RJ11, 12V or 24V
PS/2	Supported with optional USB-PS/2 adaptor
LAN	10 / 100 / 1 Gigabit Ethernet
Audio	Headset/Line out jack
Power	19VDC 3.42A, 100~240V~1.4A 50/60Hz adapter in base, locking connector

Internal I/O

Option Port	MSR, Biometric, iButton port

Storage

Solid State Drive	Quick change 2.5" 8 GB SATA Solid State Drive (SSD)

Expansion

Mini-PCI-E	One internal Mini PCI Express slot

Environment

EMI	CE/FCC Class A
Safety	LVD external adapter UL c/us, CE , TUV, others
Operating Temperature	0~40^{0}c
Dust & Water Proof	

Options

MSR	3 track ISO, OPOS support
Customer Display	Rear Display, 20 Character x 2 Line VFD , 9mm character height, OPOS support
Secondary Display	8.4", 10.4" or 12" rear display Powered from 615
Biometrics	Digital Persona Finger Print reader, J2 MSR/iButton ID emulation software
Dallas Key	Dallas Key iButton reader
Wireless LAN	802.11b/g/n, internal
UPS	Integrated Intelligent Uninterruptible Power Supply, 2 hr back up

Software Support

O/S Support	XP Professional for Embedded Systems, XP Pro, POSReady 2009, WEPOS 1.1 SP3, Embedded Standard, XPE CE 6.0, Linux
OPOS	OPOS driver for MSR, Customer Display, Cash drawers, Finger Print Reader

Dimensions

Width	365mm
Depth	220mm
Height	310mm

Connectivity

VESA Capable

Electronics

SSD

Contact

Headquarters

J2 Retail Systems
J2 House
Clayton Road
Birchwood
Warrington
WA3 6RP
United Kingdom
T 44 (0) 1925 817003
F 44 (0) 1925 811989

US Office

J2 Retail Systems Inc
2691 Dow Avenue
Building A
Tustin
CA 92780
USA
T 1 714 669 3111
F 1 714 669 3133

Australian Office

J2 Retail Systems Pty Ltd
83/85 Boundary Road
Unit 6
Mortdale NSW 2223
Australia
T 61 295845222
F 61 295841500

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www.j2retailsystemsusa.com