

J2 630

Integrated Touchscreen Computer



Key Features

- > 15" TFT LCD
- > Resistive, IR or SAW touchscreen
- > Thick or thin client technology
- > Dual Core Intel Atom Processor
- > Hard Disk or Solid State Drive
- > 3 track MSR option
- > ibutton option
- > Fingerprint reader option
- > 4 external serial ports
- > 5 external USB ports
- > Secondary display port
- > OPOS drivers

Benefits

- > Low cost of ownership
- > Fanless
- > Intel Atom 1.8GHz dual core processors
Two Cores, four threads
- > Base, pole or wall mountable using
standard VESA mount
- > Designed by J2 Retail Systems' research
& development team



J2 630 Integrated Touchscreen Computer

The J2 630 takes all of the previous J2 developments to the next level. A feature rich, with dual core processor power, the J2 630 will become the hardware of choice for the retailer who demands the best.

When silent yet powerful performance is required, consider the J2 630 integrated touch terminal.

Featuring a silent fanless design and a powerful Intel Atom dual core processor, the J2 630 is the perfect solution for high end hospitality and retail point of sale environments.

Easy to service with the motherboard and hard drive able to be removed in seconds, the features are endless with a range of added options such as solid state hard drives, Fingerprint readers, MSR and ibutton and Infrared or Surface wave touch screens.

Dust and spill resistant, the J2 630 can withstand continuous operation in the harshest operating environments.

All J2 products
are RoHS and
WEEE compliant

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System Board

CPU	Intel 1.8GHz Dual Core Atom D525 1MB Cache Cores 2 Threads 4 13W TDP
Chipset	Intel Pineview CPU / Video + ICH8M
Graphic Controller	Integrated, Intel GMA3150
Memory	2 Slots, SO-DIMM DDR3-800, up to 4GB

LCD & Touchscreen

LCD	15" TFT 1024x768, scaling for 800x600 and 640x480
Touch Screen	ELO Resistive, IR or SAW
Brightness	250 cd/m2

I/O Port

External I/O	
Serial	4 RS232 two with +5/+12V support, BIOS Controlled
USB	5 USB 2.0. 4 in cable well one on side of unit
Parallel	1 ECP/ EPP
Cash Drawer	RJ11, 12V or 24V, BIOS Controlled. 2 Drawer support
PS/2	Supported with optional USB-PS/2 adaptor
LAN	Gigabit
Audio	Microphone/Line in jack, Headset/Line out jack
Power	100~240V~1.4A 50/60Hz adapter in base
Video	Standard Video Port, VGA type
Internal I/O	
USB	2 USB
Serial	Internal touch screen controller
Speakers	2 x 2 watt stereo speakers

Storage

HDD or SSD	Quick change, slide in 2.5" SATA 3.0 Gbit/s 160 SATA HDD Standard, SATA SSD optional
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Expansion

Mini-PCI Express	One internal mini PCI Express slot (for WiFi)
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Environment

EMI	CE/FCC Class A
Safety	LVD, External adapter UL c/us, CE, TUV, others
Operating Temperature	0~40 °C
Spill Resistant	

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", 10", 12", 15" LCD Power from J2 630 Video Port, BIOS controlled
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 Uninterruptible Power Supply, 2 hour backup

Software Support

O/S Support	Windows 7, Windows 7 Embedded, XP Pro POSReady 2009, XP Embedded Standard, Linux, CE 6.0
OPOS	OPOS driver for MSR, Customer Display, Cash drawers, Finger Printer Reader

Dimensions

Width	365mm
Depth	220mm
Height	310mm



Connectivity



VESA Standard



Removable Mainboard



HDD

Contact

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