

J2 625

Integrated Touchscreen Computer



Key Features

- > Dual Core Intel Atom D2550 1.86GHz CPU
- > Zero Bezel Touch Screen
- > 15 inch 4:3 LED backlight display
- > True Flat Resistive or Multi Touch Projective Capacitive touch technology
- > Fanless Operation
- > 2.5" SATA HDD or SSD
- > Fully adjustable from 0 to 90°
- > 4 external serial ports with power
- > 6 external USB ports
- > DisplayPort with HDMI support
- > +12V out for peripheral power

Benefits

- > Very low power consumption
- > Very Reliable
- > Base, pole or wall-mounting options
- > Highly adjustable viewing angle
- > Dual Core CPU
- > Low cost with full features



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For high performance and reliability J2 has chosen the new Intel Dual Core Atom 1.86GHz D2550 Cedarview processor to provide the longest product life possible. This new 32nm part has a higher speed with lower power consumption than other currently available Atom processors from Intel, at a similar price point. As part of the Intel embedded road map, the D2550 processor and chipset will be available for seven years from its release date.

The J2 625 offers a choice of touch screens; both are spill proof, dust proof, and can be cleaned with a standard glass cleaner. You can choose either a zero bezel five-wire resistive touch screen (TFR), or the multi-touch projected capacitive touch screen (PCT).

The J2 625 unit comes standard with 2GB of memory plus a choice of either a 2.5" SATA HDD or SDD (many different SSD/HDD capacities are available) With four serial ports, six USB ports, video output with VGA/DVA/HDMI support, cash drawer port, audio in/out, gigabit Ethernet, +12V output, as well as other built in peripheral capabilities, there is no question this is the computer your clients have been waiting for.

The J2 625 requires little or no maintenance. The convection cooled fan less design means it can be used in very harsh environments. High dust, grease, sea air or high temperatures will not affect the J2 625 operation. With a quick access HDD/SDD slot, a drive can be changed in just seconds if needed. A simple design allows the unit to be fully disassembled and assembled in just a few minutes by simply removing a few screws.

All J2 products are RoHS and WEEE compliant

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System Board

CPU	Dual Core Intel Atom D2550 1.86GHz CPU
Chipset	NM10
Memory	DDR3 SODIMM 2GB Standard, 2 Sockets, up to 4GB

LCD & Touchscreen

LCD Size	15 inch 4:3 LED 1024 x 768 resolution
Brightness	300 cd/m2 with auto dim
Touch Screen	5 wire resistive (TFR) or Multi-touch Projected capacitive (PCT)

I/O Ports

Serial	4 serial ports with +12V power option
USB	6 external USB 2.0 ports
Power Out	+12 volt for peripheral power DB9 Interface
LAN	10/100/1000 Base T
Secondary Display	Display port with support for HDMI, DVI and VGA
Cash Drawer	24v or 12v, two drawer support
Sound	Internal speaker and combo headset and mic jack
Power Input	+19VDC from 65W power adaptor in base

Storage

One SATA 3.0	2.5 inch HDD or SSD
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Expansion

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

EMI Safety	CE/FCC Class A
Operating temperature	LVD, External adapter UL c/us, CE TUV, others 0° ~ 40°C
Spill Resistant	IP 64 front of terminal, IP 54 whole unit

Options

MSR	RFID	UPS
iButton	Second Display	MSR/Finger Print Reader
Fingerprint Reader	Customer Display	MSR/iButton

Software Support

O/S Support	Windows 7, Windows 7 Embedded, POSReady 7, XP, POSReady 2009, XP Embedded Standard, Linux, Compact Windows 7
OPOS	OPOS driver for MSR, Customer Display, Cash Drawer

Dimensions

Width 365mm
Depth 220mm
Height 310mm



Connectivity



Pole / VESA / Wall Mount



Quick Change HDD/SSD



With MSR / iButton and 10.1 inch Customer Display

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