

J2 520

Integrated Touchscreen Computer



Key Features

- > 12.1" TFT LCD (Dual Bulb)
- > Spill resistant, sealed touchscreen
- > Thick or thin client application
- > Compact flash or 3.5" hard disk drive
- > 50 deg or 60 deg tilt angle
- > 4 external serial ports
- > 3 external USB 2.0 ports
- > 1 cash drawer port
- > Dual display support standard
- > 10/100 Base T Ethernet
- > MSR as Standard
- > OPOS drivers

Benefits

- > Low cost of ownership
- > Fanless
- > Thin client options available – allowing removal of hard drive and flexible positioning
- > Full backing of J2 Retail in-house design and development team



J2 520

J2 520 Integrated Touchscreen Computer

The 520 from J2 Retail Systems sets a new benchmark for integrated thin/thick client touchscreen systems by delivering a low-cost solution without sacrificing reliability and performance.

Part of J2's extensive product range, the 520 has been developed by J2's own innovative design team and provides leading technology for point of sale, point of service and point of information applications.

Providing both thick and thin client operating options, the 520 can be configured as thin client for Linux and Microsoft embedded operating systems including CE.NET and XPe, which adds reliability by eliminating unnecessary moving parts such as fans and rotating media (hard disk drives).

A hard disk drive can be added to provide a thick client option in standard Microsoft environments including XP and Windows 2000. This option is also fanless.

With a sleek and elegant design providing an ultra-compact footprint, the silent system frees up valuable counter space and maintains all of the benefits of an open systems environment. Wired or wireless, the innovative 520 provides a long duty cycle and maximum return on investment.

All J2 products are RoHS and WEEE compliant

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System Board

CPU	733MHz Via Eden
Memory	256MB standard DDR SO-DIMM (support up to 1GB)

LCD & Touchscreen

LCD	12.1" TFT (800x600), dual bulb
Touch Screen	Sealed resistive membrane
Brightness	250 cd/m2

I/O Ports

Serial	4 external, 2 can be powered + 5/ 12 VDC
USB	3 external, USB 2.0
PS/2	Keyboard
LAN	10/ 100 Base T
Parallel	1 ECP/ EPP
Cash Drawer	1 x 12/24 VDC
Sound	Internal speaker

Storage

Compact Flash	Type I or II; IDE mode
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Expansion

Expansion Bus	One internal Mini PCI slot
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Physical

Dimensions	230mm (W) x 255mm (D) x 305mm (H)
Touch Angle	50deg or 60deg
EMI	CE/FCC Class A
Safety	External AC adapter 90W + 19VDC, UL, CUL, CE, TUV

Options

MSR	2 track standard (3 track optional)
Customer Display	VFD pole (option)
Secondary Display	Support standard display, optional LCD available
Wireless LAN	Mini PCI 802.11b/g internal slot (optional)

O/S Support

O/S Support	CE, NET, XP Embedded, XP, 2000, 98, DOS, Linux
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Dimensions



Width	305mm
Depth	255mm
Height	230mm



Connectivity



Card Reader

Contact

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