



J2 500ex

Embedded Touchscreen System

500ex Series

The 500ex series from J2 sets the new benchmark for integrated thin/thick client touchscreen systems by delivering a low cost solution without sacrificing reliability and performance

The 500ex is leading edge technology for the point-of-sale; point of service; and point-of-information device markets at price performance previously unobtainable.

The versatile 500ex series can be configured as a Thin Client for Microsoft Embedded Operating Systems such as 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 work in standard Microsoft environments such as XP, Windows 2000 and others as a Thick Client. Either way, it is fanless.

This sleek and elegant design provides an ultra-compact footprint of only 8" by 9" which frees up valuable counter space. Thick or thin it is silent. The 500ex maintains all of the benefits of an open systems environment. Wired or Wireless, the 500ex will provide a long duty cycle and maximize your return on investment

KEY FEATURES:

- Thin or Thick Client
- Low Cost
- 12.1" TFT LCD (Dual Bulb)
- 50 deg or 60 deg tilt angle
- No Fan
- Spill resistant, Sealed Touch Screen
- Compact Flash or 3 1/2" Hard Drive
- 4 External Serial Ports
- 3 External USB 2.0 Ports
- 1 Cash Drawer Port
- Dual Display Support Standard
- 10/100 Base T Ethernet
- MSR Standard
- OPOS Drivers





Embedded Touchscreen System



System Board

- CPU 733 MHz
- Memory 128MB standard DDR SO-DIMM (support up to 1 GB)

LCD Touch Display

- 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/SPP
- Cash Drawer 1 12/24 VDC
- Sound Internal Speaker

Storage

- Compact Flash Type 1 Socket; Up to 1GB CF
- HDD Supports 3 1/2" IDE Hard Drive

Expansion

- Expansion Bus One Internal Mini PCI slot

Physical

- Dimensions 12" W X 9"H X 8"D
- Touch Angle 50deg or 60deg
- EMI CE/FCC Class A
- Safety External AC Adapter 90W +19VDC
UL; cUL; CE; TUV;

Options

- MSR 3 Track Standard (removable)
- Customer Display VFD Pole (option)
- Secondary Display Support standard, Display Optional LCD available
- Wireless LAN Mini PCI 802.11b of internal slot (optional)

O/S Support

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



Global Headquarters

J2 Retail Systems, Ltd.
32 House
Clayton Road
Betchwood
Warrington, WA3 6PP
United Kingdom
info@j2retailsystems.com
www.j2retailsystems.com
Tel: 44 (0) 1925 817060
Fax: 44 (0) 1925 811989

US Headquarters

J2 Retail Systems, Inc.
2881 Dow Avenue
Building A
Turin, CA 92780
USA
info@j2retailsystemsusa.com
www.j2retailsystemsusa.com
Tel: 714 664 3611
Fax: 714 664 3623

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