

WITHDRAWN

StoreNext

Product Bulletin

TeamPoS 3000 XE Point-Of-Sale Terminal

MB-POS-1218 issue 2

August 24, 2007

StoreNext is pleased to announce the availability of the TeamPoS 3000 XE POS terminal. The TeamPoS 3000 XE replaces the TeamPoS 2000 S-Class and is available immediately.

The philosophy of the TeamPoS 3000 combines four components that optimize the price-performance ratio for grocers:

No-Frills Summary

The TeamPoS 3000 XE replaces the TeamPoS 2000 S-Class, bringing 2.93 GHz and far greater port flexibility.

- The XE's great value comes from combining traditional Fujitsu reliability with low-cost use of standard PC components.
- A "USB" and "Legacy" version are available, differing only in the I/O setup.
- StoreNext software development and compatibility is focusing on the P-USB interfaces going forward. But many legacy peripherals will also be supported.
- Newer releases of ISS45 and ScanMaster are required for the operating system, OPOS and peripheral driver support.
- Check the StoreNext Dealer Support Web site Compatibility Matrix Pages for the latest information.

- **Use current off-the-shelf PC motherboard technology** – to minimize price and stay at the high end of the worldwide PC performance curve.
- **Fujitsu Retail Reliability** – these are POS terminals, not repackaged white boxes, designed for hard work in tough retail environments. Your customers are used to Fujitsu quality by now – and the XE won't let them down. They'll get full powered interfaces, cable management, proper stacking and a POS design that works in real stores.
- **Medium-run life cycles** – the TeamPoS 3000 XE provides rollout and evaluation consistency since the main board won't change very few weeks (as with some manufacturers). Change components only as needed to stay close to leading PC-industry performance.
- **Flexibility - with fewer limits** – the XE's "USB" and "Combo/Legacy" configurations provide lots more port capability and flexibility than the TeamPoS 2000 S-Class, and a lot more horsepower too.



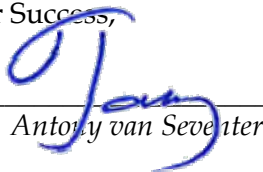
The XE supports the same peripherals as the TeamPoS 3000 XL and most of the TeamPoS 2000 and legacy peripherals as well.

The XE's big brother – the TeamPoS 3000 XL – is designed to provide the ultimate in power, flexibility, long production runs – and of course maintainability and reliability. But you will find that the XE provides a potent combination of price, power and reliability that will fill the bill for many applications – and allow you to provide true POS power to cost-conscious grocers.

The TeamPoS 3000 XE is currently available separately as well as replacing the TeamPoS 2000 S-Class in all Espresso packages. See the Software Compatibility section on the next page for information on the software supported on the XE.

This bulletin provides an overview of the TeamPoS 3000 XE. Pricing and configuration details are provided in the TeamPoS 3000 Configuration Bulletin (MB 1220).

To Your Success,


Antony van Seester

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TeamPoS 3000 XE Overview

The TeamPoS 3000 XE is affordable, flexible and retail hardened. It is designed fully to industry standards to ensure investment protection and long-term support. The TeamPoS 3000 XE is ideal for retailers that require a lifecycle managed, retail-proved terminal.

What Software Works With It?

STORENEXT SOFTWARE SUPPORT

The standard TeamPoS 3000 XE is designed to drive peripherals using powered USB. P-USB offers the highest peripheral data speeds while providing the greatest simplicity for installation, service and reliability. Full support of the USB peripherals requires updated software:

- Full support of the USB peripheral set was first available with StoreNext's Winter and Spring software releases in 2007 via a new OPOS driver set for USB. These releases included ISS45 7.1.2.0, ISS45 8.1.2.0 and ScanMaster 2.4.1.¹
- Support of most – but not all USB peripherals – was also available starting with the ISS45 7.1.1.1-100 and 8.1.1.1-100 releases.
- ScanMaster versions prior to the 2.4.1 Winter Release are not compatible and there are no current plans to modify or certify them.

A “Combo/Legacy” version of the TeamPoS 3000 XE is compatible with some earlier POS releases and provides support for peripherals with RS-232 interfaces while providing some (non-powered) USB support.

For current compatibility and certification information, check the [Compatibility Matrix Pages](#) on the StoreNext Dealer Support Web site.

OPERATING SYSTEMS

StoreNext is moving to the Microsoft Windows embedded for POS (WePOS) with all TeamPoS 3000 versions, including the XE. WePOS provides several advantages over previous embedded-style operating systems such as XPe – including upgrade capability for the operating system without having to start from scratch with a clean disk.

WePOS will come pre-loaded with each XE as shipped. No TeamPoS 3000 XE or XL media, drivers, or support will be available for any other operating systems: there is no NT, Windows 95, Windows 2000 or Windows XP support.

What Does It Look Like?

You can get the TeamPoS 3000 XE in any color, so long as it's black. See the picture on the first page. TeamPoS 3000 series products are designed to look good in retail environments. Cable management conceals the interface wires, with only one power connection and cable connection to Ethernet being required.

Special UV protection coating provides consistency of color throughout the whole platform as years go by. UV-inhibited plastics are used where the effects of sunlight may discolor the plastics over time.

¹ Yes, you read that correctly. The 2.4.1 release with TeamPoS 3000 support immediately followed and replaced the ScanMaster 2.4.0 Winter Release, providing TeamPoS 3000 support.



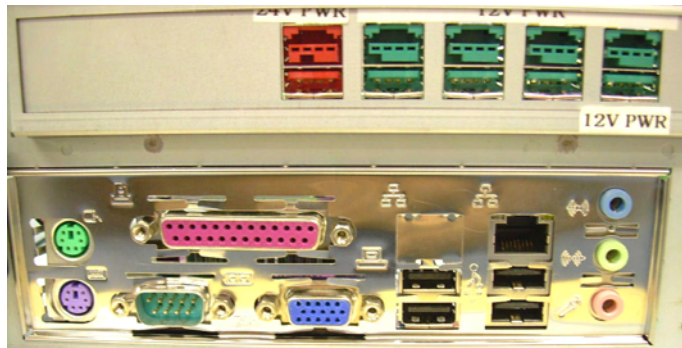
What Hardware Works With It?

TEAMPOS 3000 XE MODELS

The TeamPoS 3000 XE is provided in two models. They are the same except for the port setup. One machine is designed as a “USB” version supporting primarily P-USB peripherals, while the “Combo/Legacy” version accommodates additional existing RS-232 peripherals.

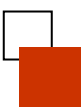
USB Version TeamPoS 3000 XE:

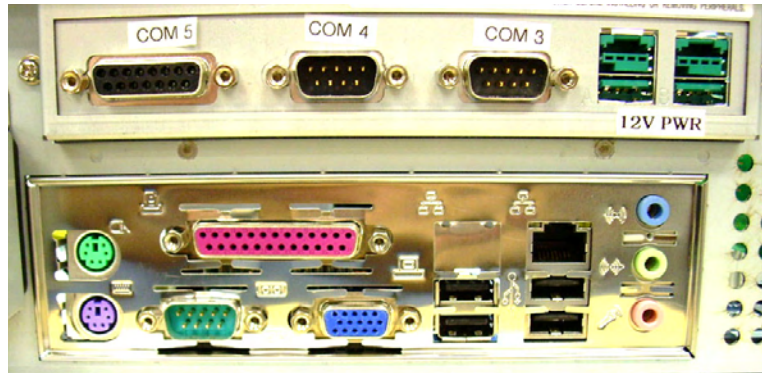
- 1 x VGA port - for the primary display
- 1 x 24v P-USB 2.0 - for a powered USB printer
- 4 x 12v P-USB 2.0 - for touch screens, TeamKey, magnetic stripe readers, remote VFD shopper displays, 92U keyboards, Hypercom payment terminals and so forth
- 4 x non-powered USB 2.0 – (2 on the back panel, two on the front) PSC/Datalogic scanner/scales
- 1 x COM port - not powered, for an RS-232 peripheral
- 1 x Ethernet port - J45 for TCP/IP network connection
- Additional Ports: 1 x parallel port, 1 x PS/2 Keyboard, 1 x PS/2 Mouse, 3 x Audio (line in, line out, mic in)
- Optional Digital Video Interface Card: provides interface to DVI monitor or touch screen (use separate power supply for the second monitor – the TeamPoS 3000 XE can power one D22/D25 display)



Combo/Legacy Version TeamPoS 3000 XE:

- 1 x VGA port - for the primary display
- 1 x 24v Powered RS-232 - for a powered RS-232 printer
- 2 x 5v Powered RS-232 – for powered RS-232 devices
- 2 x 12v P-USB 2.0 - for touch screens, TeamKey, mag stripe readers, remote VFD shopper displays, 92U keyboards, Hypercom payment terminals and so forth.
- 4 x non-powered USB 2.0 – (2 on the back panel, two on the front) PSC/Datalogic scanner/scales
- 1 x COM port - not powered, for an RS-232 peripheral
- 1 x Ethernet port - J45 for TCP/IP network connection
- Additional Ports: 1 x parallel port, 1 x PS/2 Keyboard, 1 x PS/2 Mouse, 3 x Audio (line in, line out, mic in)
- Optional Digital Video Interface Card: provides interface to DVI monitor or touch screen (use separate power supply for the second monitor – the TeamPoS 3000 XE can power one D22/D25 display)
- **Note: there is no RS-232/COM port available that supports the serial 92R or 92M keyboards or earlier Fujitsu VF 2x20 displays. Must use P-USB 92U or VF60U.**





PERIPHERAL SUPPORT

The TeamPoS 3000 supports retail peripherals that are color and style compatible with the TeamPoS 3000 control unit and can be stacked on the control unit and/or cash drawer to form an integrated unit.

- StoreNext is first releasing USB peripheral support under OPOS driver sets, and is proceeding to certify legacy terminals with selected legacy components as well. Check the Compatibility Matrix pages on the StoreNext Dealer Support Web site for currently supported peripherals for both ScanMaster and ISS45.
- The new TP15 cash drawer - with the same media trays and coin inserts and tray covers as the Fujitsu TP10 - is being introduced. The TP5C compact cash drawer will also be supported. Cash drawers are fired from printer ports on the TeamPoS 3000 XE.
- The TeamPoS 3000 XE provides one standard VGA port, enabling connection of a single touch screen, flat panel or CRT monitor.
- A second display may be configured by adding the TeamPoS 3000 XE optional DVI card.
- New D22 and D25 displays replace the D12 (12" touch) and D15 (15" touch) respectively. The D22 and D25 use the same Elo driver sets, simplifying setup and configuration. The D22 and D25 each support VGA/analog or DVI interfaces. The TeamPoS 3000 XE provides a VGA/analog interface and an optional DVI interface card.
- **The P-USB and Combo/Legacy versions can support the 92U keyboard via P-USB connection. The TeamPoS 3000 XE does not support the 92R or 92M serial keyboards.**
- **The VF60 display is the only 2x20 shopper display supported by the TeamPoS 3000 XE.**

Regarding the mix of the peripheral support with the POS software:

- The Winter Releases (ISS45 8.1.2.0, ISS45 7.1.2.0 and ScanMaster 2.4.1) provide **full** USB support, including the 92U keyboard, VF50U 2x20 customer display, PSC/Datalogic scanner/scales, the D22 and D25 touch screens (touch logic) and TeamKey, TPG/Axiom A776 and A794 printers and Epson 6000 printers, and Hypercom L4250 and L4100 terminals equipped with USB interfaces. The D15 display is also supported.
- USB support for all peripherals **except** the PSC/Datalogic scanner/scales and the TeamKey options for the D22/D25 is available on current ISS45 7.1.1.1 and 8.1.1.1 releases and ScanMaster 2.4.1, and full support is provided with ISS45 7.1.1.1-100 and ISS45 8.1.1.1-100 including that for PSC/Datalogic and TeamKey. Users can currently employ the XE's COM port for connecting the PSC/Datalogic scanner/scales (however in so doing there would not be a port available for the D22/D25 TeamKey).
- Port configurations and drivers for the TeamPoS 3000 XE's Legacy version operate much the same as with ISS45 and ScanMaster today on the TeamPoS 2000 terminals. This enables dealers to employ the XE with earlier releases of ISS45 and ScanMaster and/or with RS-232 peripherals.



What's Inside?

THE CPU

The current TeamPoS 3000 XE is shipped with an Intel 2.93 GHz Celeron D Processor with 90nm technology to minimize power consumption.² The 533 MHz system bus provides higher bandwidth between the processor and the rest of the system, which improves throughput and overall system performance. Since the Celeron D 2.93 GHz processor is on Intel's Embedded RoadMap, long-run availability and support is guaranteed by Intel.

THE MOTHERBOARD

- Dual Channel DDR 400 Memory Architecture: with double the bandwidth of standard system memory and out-performing existing memory solutions in the market.
- The XE is powered by the Intel® 865G chipset.
- The architecture of 800MHz FSB, Dual Channel DDR 400 and Intel Extreme Graphics Engine 2 provides UXGA support for native resolutions up to 1600x1200.
- Standard 7200 high-speed IDE drives are supported on the XE.

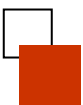
DISK AND RAM, STORAGE CAPACITY

- Disk: the TeamPoS 3000 XE accommodates one IDE 3.5" IDE hard drive (currently shipping 40 GB). Additional storage devices can be added as options including a CDR or CDRW/DVD.
- RAM: ECC Double Data Rate (DDR) 333MHz memory. 256 MB shipped standard, expandable to 2GB via 2 x 184-pin DIMM slots. Additional memory is available, and the XE DIMM slots do not require matching RAM capacity. Note that while ECC RAM is provided, the XE chipset does not support error checking and correction.

POWER SUPPLY UNIT (PSU)

The power supply is internal to the control unit, providing power to the control unit and peripherals. The DC output power is 300 watts maximum for the PC board and POS I/O board functions. The XE can be switched to 110 or 220 VAC.

² However, SpeedStep is not supported on the XE.



TeamPoS 3000 XE Specifications

SPECIFICATIONS

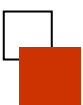
Processor	Intel Celeron D, 2.93 GHz
Core Chipset	865G
Integrated Ethernet	10/100 Mbps with wake on LAN
Integrated Audio	Sound Blaster compatible
Graphics/Video	Integrated video with up to 64 MB of shared video memory Analog RGB display support, 15-pin interface UXGA up to 1600 x 1200 resolution
Memory	256MB to 2GB Error Correcting (ECC) memory (256 MB is standard). Error checking and correction not on motherboard. 2 x 184 pin DIMM slots Double Data Rate (DDR) 333 MHz memory
Award Bios	Support latest versions of APM, ACPI, WfM Boot from LAN Local and Remote Flash Password protected
Expansion Slots	2 x ½ height PCI
Disk Support	One 40GB standard
Power Supply	100 to 240 VAC, 50/60 Hz 300 Watts DC Output
Dimensions	450 mm (W) x 105mm (H) x 502mm (D) 17.7 in. (W) x 4.1 in (H) X 19.8 in (D)
Operating System	Windows Embedded for Point of Sale (WEPOS)
Power Management	APM 1.2 ACPI 1.0
Color	Fujitsu Black



PORT BUDGET

This table provides a list of typical peripherals with recommended ports. The number of peripheral devices obviously cannot exceed the number of available ports for the recommended type; make sure you check these counts and the list of supported peripherals prior to providing customer quotations.

Peripheral	Connecting with the P-USB I/O Version	Connecting with the Combo/Legacy I/O Version
Primary Display:	Use the VGA port	Use the VGA port
Printer:	Connects to 24V P-USB Printer Port – use printer with P-USB signal and power such as TPG A776 or A794 or Epson 6000 P-USB configurations	Use the 24V powered RS-232 Serial Port – use printer with powered serial signal and power, such as TPG/Axiom A776, A760, A758, A756 and A794 or Epson 6000, TMT-88 and so forth.
Touch Screen:	Use a 12V P-USB port, for touch signal and screen power such as Fujitsu D15, D22 and D25. There is no support for the Fujitsu D12.	Connect via a 12V P-USB port, for touch signal and screen power such as Fujitsu D15, D22 and D25. There is no support for the Fujitsu D12 display.
Touch Screen Keypad or MSR options:	Use one of the standard non-powered USB ports for keypad or MSR signal (see supported models above)	Use one of the standard non-powered USB ports for keypad or MSR signal (see supported models above)
Keyboard:	The 12V P-USB ports provide data and power for 92U keyboard. There is no port available or support for 92R or 92M or 92U serial configurations.	A 12V P-USB port provides data and power for 92U keyboard. There is no port available or support for 92R or 92M or 92U serial configurations.
2 x 20 Shopper Display:	Use a 12V P-USB port which provides data and power for the VF60U display only. There is no support for earlier models of Fujitsu 2x20 displays with the serial interface.	Use a 12V P-USB port which provides data and power for the VF60U display only. There is no support for earlier models of Fujitsu 2x20 displays with the serial interface.
Hypercom PIN Pad:	Connects to a 12V P-USB port which provides data and power.	Use the 5V RS-232 port plus a power supply, or use a 12V P-USB port if available on both devices.
Scanner/Scale:	Use a powered USB port or a non-powered USB or RS-232 port with a separate power supply	Use a powered USB port or a non-powered USB or RS-232 port with a separate power supply
Second Monitor/Display:	Use the optional DVI card for the second video. Fujitsu recommends that only one display be powered from the XE terminal. A separate power supply is available for multiple monitors.	Use the optional DVI card for the second video. Fujitsu recommends that only one display be powered from the XE terminal. A separate power supply is available for multiple monitors.
Touch for Second Monitor (if using dual touch):	Connect using a standard non-powered USB port for touch signal	Connect using a standard non-powered USB port for touch signal



SALES MATERIALS AND DOCUMENTATION

StoreNext is providing the following documentation, which can be found on the StoreNext Dealer Support Web site.

Dealer Information

- Marketing Bulletin 1016 (D22 and D25 Displays)
- Marketing Bulletin 1017 (VF60U - TeamPoS Display)
- This Marketing Bulletin (1218)
- Marketing Bulletin 1019 (TeamPoS 3000 XL)
- Marketing Bulletin 1020 (TeamPoS 3000 Configuration and Pricing)

SALES AND COLLATERAL MATERIALS

- TeamPoS 3000 Presentation
- TeamPoS 3000 XE Information Sheet
- TeamPoS 3000 XL Information Sheet
- TeamPoS 3000 Peripherals
- TeamPoS 3000 XE / XL Comparison Information Sheet

TECHNICAL DOCUMENTS AND INFORMATION

- TeamPoS 3000 XE Support Planning Guide
- TeamPoS 2000 XE Installation Guide and Maintenance Manual
- TeamPoS 3000 XE Installation with ISS45
- TeamPoS 3000 XE Installation with ScanMaster
- Software technical bulletins as required
- Hardware technical bulletins as required
- Hardware/Peripheral/Software/Platform compatibility matrix (StoreNext Dealer Support Web site)

UTILITIES AND DRIVERS

- Available from the Software Support Page on the StoreNext Dealer Support Web site.

