

PCWS 2010

Hardware

The PCWS 2010 represents MICROS's ongoing commitment to providing our customers with state of the art, powerful PC based workstations that live up to our standard of 'Hospitality Tough' design. High levels of spill resistance, ease of service, multiple configuration options and whisper quiet operation ensure the PCWS 2010 is the perfect fit for any hospitality or retail environment.

The PCWS 2010 offers a modular design, no tool disassembly, an integrated magnetic card reader, and employs the latest technologies. The fully open architecture combined with abundant connectivity and configuration options make it an ideal choice not only for MICROS POS applications, but for any touchscreen based applications. The attractive, rugged design makes the PCWS 2010 at home in any environment.



Back Office, Business Intelligence,
Customer Relationship Management,
Enterprise Support Solutions, Hardware,
Point-of-Service, Restaurant Operations,
Service Solutions

Benefits Overview

Highlights

- High levels of environmental ruggedness, including spill resistance and high operating temperatures.
- Improving cable management and expanding connectivity capabilities
- Retaining backwards compatibility with existing MICROS peripherals
- Modular design with no tool disassembly to ensure quick and easy service

Hospitality Tough

- Both the 12.1" and 15" display heads are sealed against spills
- Durable ELO 5 Wire resistive touchscreen ensures accurate inputs, even if the operator is wearing gloves
- Casework is designed to channel liquids off of the workstation
- I/O panel is located in the front, behind the magnetic card reader module and protected from debris and curious hands
- Latest Intel technologies ensure the workstation can withstand the extreme operating temperatures demanded of MICROS equipment
 - Can operate in temperatures ranging from 0° to 45°C (32° to 113° F)
 - Can even function in 50°C if used with one of its flash storage options instead of a hard drive

Technical Overview

- Improved Cable Management masks unsightly cords
- Internal power supply also provides power for a local MICROS printer, reducing the number of external power bricks
- Wide array of connectivity options including all of the MICROS legacy connections
- 2 cash drawer ports, pole and internal rear display ports, and IDN printing capability, in addition to several new and improved connections
- Internal Mini-PCI connector, which allows quick installation of either an 802.11 a/b/g wireless card or an internal modem
- Four USB 2.0 ports, 5 available serial ports, a Type 1 Compact Flash socket, MICROS DVI (Digital Video Interface) and a separate VGA connector for independent video output as well as integrated left and right speakers, audio line in and mic in, round out the I/O panel of the PCWS 2010, to result in the widest range of connectivity options available on a workstation
- Legacy connectivity to ensure our customers are not faced with replacing all of their existing peripherals
- Most internal components can be replaced with no tools, all others only require a single Phillips head screwdriver
- Intel® Pentium® M and Celeron® M processors provide high levels of computing performance, while generating only a fraction of the heat associated with Pentium 4 class processors
- More mass storage options than any competitive device
- Equipped with a type 1 Compact Flash socket, accessible from the I/O panel, providing flexibility for customers who are looking for a removable mass storage device, perhaps for nightly backups or disaster recovery
- Equipped with an internal connector for an optional uDOC (USB Disc on Chip)
- Available USB ports on the I/O panel can be used with readily available USB storage devices such as external hard drives and backup devices, CD and DVD drives, and thumb drive style storage devices
- Equipped with an internal Mini-PCI socket used to support either an integrated 802.11 a/b/g wireless card or an integrated modem (US Only)
- Equipped with MICROS Client Application Loader for easy terminal swaps



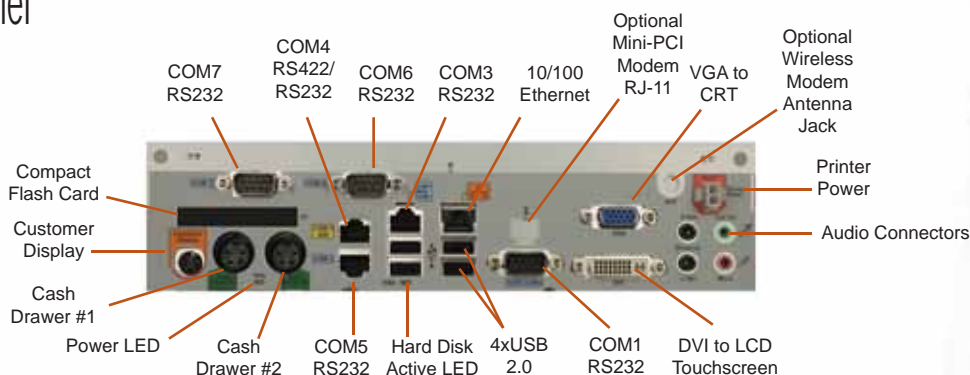
PCWS 2010

SPECIFICATIONS



Processor	<ul style="list-style-type: none"> ■ Pentium M745 <ul style="list-style-type: none"> • 1.8 GHz • 2 MB L2 Cache ■ Celeron M320 <ul style="list-style-type: none"> • 1.3 GHz • 512 MB L2 Cache
Chipset	<ul style="list-style-type: none"> ■ Intel 855 GME / ICH4 <ul style="list-style-type: none"> • Memory System Interface - 400 MHz Front Side Bus • Integrated 2D and 3D Graphics Controller • USB 2.0 Support
Memory	■ DDR-SDRAM: (2) Slots, 128 MB up to 2 GB
Hard Disk	<ul style="list-style-type: none"> ■ IDE 2.5" <i>(Supports 2 Drives)</i> <ul style="list-style-type: none"> • 40 GB Standard Size
Flash Storage	<ul style="list-style-type: none"> ■ Compact Flash Socket - Standard ■ M Systems uDiskOnChip (uDOC) – Internal, Optional
Display/Resolution	<ul style="list-style-type: none"> • 12.1" TFT Active LCD – 800 x 600 Resolution • 15" TFT Active LCD – 1024 x 768 Resolution
Primary Video	■ MICROS DVI – Provides Power, Video, and Touchscreen in Single Cable
2nd Video Port	■ VGA Support for Dual Independent Video
Touchscreen	■ 5-Wire Resistive
Power Supply	■ 242 Watt Internal Power Supply
Networking	■ 10/100 BT Ethernet
Magnetic Card Reader	■ Integrated 3-Track MSR - Standard
Available I/O Ports	<ul style="list-style-type: none"> • 3 – DB9 RS232 Serial • 2 – RJ45 RS232 Serial (1 Reserved for MSR) • 1 – RJ45 MICROS IDN / RS232 Serial • 4 – USB 2.0
Integrated Rear Display	■ Optional 2x20 VFD Display – Does not use available serial port
Pole Display Port	■ Supports MICROS VFD or LCD Pole Displays – Does not use available serial port
Cash Drawer Ports	■ 2 - MICROS 12/24 Volt Cash Drawer Ports
Printer Power Port	■ 24V for Epson Printer or 24V Powered USB via Y cable
Sound	■ Integrated Stereo Speakers Line In / Microphone
Mini PCI Port (1)	<ul style="list-style-type: none"> ■ Options: <ul style="list-style-type: none"> • 56 KB modem – Optional (USA only) • WLAN – 802.11 a/b/g
Modem	■ Mini PCI 56 KB Modem – Optional (USA only)
Operating System Support	■ Windows XP Pro, Windows 2000 Pro, Windows 2003 Server, Windows XP Embedded, Windows Embedded for Point of Service, Linux (Versions TBD)
Operating Temp	■ 0° to 45° C (32° to 113° F)
Certifications	■ FCC Class A, UL, TUV, CE, and CCC

Input/Output Panel





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