micros®

MICROS WS5A

The Way POS Terminals Should Be -
Intelligent, simple to use, reliable and affordable

The MICROS Workstation 5A (WS5A) elevates the performance and configurability of the industry dominating MICROS WS5 with the introduction of an all new main board based on the latest Intel® Atom® processor technology. The MICROS WS5A provides dramatic enhancements to processing capability, expansion and peripheral connectivity, while maintaining MICROS's commitment to providing customers with dependable,

easy-to- use hardware specifically designed for the hospitality and retail industries. With the WS5A, MICROS provides a point-of-sale terminal that has outstanding performance for all uses, ensures maximum reliability by having no moving parts, and sips electrical power to be more environmentally and economically responsible than competitive devices.

While outwardly identical to the MICROS WS5, the WS5A is a complete technology refresh, offering vastly improved performance and functionality. This workstation continues MICROS's commitment to providing customers with the latest technology while ensuring a lower Total Cost of Ownership, simpler support model, and improved reliability. As always, MICROS acknowledges and appreciates our partners' commitment to our products. Customers with a large investment in MICROS peripherals can be assured that their cash drawers, printers, and customer displays will be supported by the MICROS WS5A.

micros® FIDELIO   micros® RETAIL

Outstanding performance while maintaining environmental and economical responsibility

The need for dependable, easy-to use devices in the hospitality and retail market places is obvious. To be successful, POS terminals need to meet the requirements of the industry; they must be easy to install, reliable, unobtrusive, and adaptable and, when required, service must be quick and intuitive in order to keep downtime to an absolute minimum. The MICROS WS5A meets and surpasses every standard! Installing a new workstation is as easy as plugging in a network and power cable, then following a few prompts on the display. The WS5A continues MICROS's trend of long lasting, trouble free operation by reducing mechanical wear through passive cooling and the use of flash memory for mass storage, while retaining spill resistance and wide operating temperature ranges. The WS5A features a compact all in one design with a small footprint and multiple options for mounting or placement, thus leaving premium space for other business uses. The adaptability of the WS5A is greatly enhanced by its modular design and available options, including mounting, touchscreen, wireless, and peripheral support. With all of these advanced features, the MICROS WS5A is sure to make your business run smoothly and efficiently!

Updated Form Factor and Features

- 15" LCD Touchscreen
  -5-Wire Resistive Touch (Capacitive
    Touchscreen and No Touch Options)
  -1024 x 768 Resolution
- Integrated Audio with Stereo Speakers Standard
- Slim Line Integrated Modular MSR
  Wireless 802.11n and 802.11a/b/g/n Options
- Biometric Support
- Remote Management with Athena™, by Odyssey Software

Increased Performance

- Intel® Atom® N450 Processor meets the difficult
  balance of excellent performance and low thermal output
  - Persistent Storage using SATA hard drive or solid state
    USB Flash Drive for primary storage
  - 2G of DDR2 667 RAM supported
- Four USB 2.0 ports provide data speeds 40 times faster
  than USB 1.1
- Supports 10/100/1000 Base-T Ethernet

Flexible Installation Options

- Adjustable stand with improved cable management,
  easy installation, printer power supply protection, and
  a customer display mounting option

Profit From:

- The use of flash memory and passive cooling
  reduces the risk of costly mechanical failures,
  and improves system reliability and uptime
- Lowered Total Cost of Ownership with no fan or
  hard drive
- Reduced power consumption that is environmentally
  sound and saves on energy costs

- VESA 100 mounting pattern
- Support for MICROS cash drawers, customer displays,
  and IDN printers
- MICROS Factory Recovery for quick restore

Enhanced Platform Options

- **Windows® Embedded CE 6.0 R3** provides lower
  Operating System License cost, less maintenance
  and long term operating system support, and the abiilty
  to upgrade OS remotely
- **MICROS CAL** (Client Application Loader) maintains
  correct version of application and platform, provides
  unattended Windows® CE operating system and platform
  upgrade capability
- New integrated platform recovery utility
- Enhanced suite of diagnostic tools
- Interactive support for remote troubleshooting, diagnosis
  and repair of terminals provide by Athena™, by Odyssey
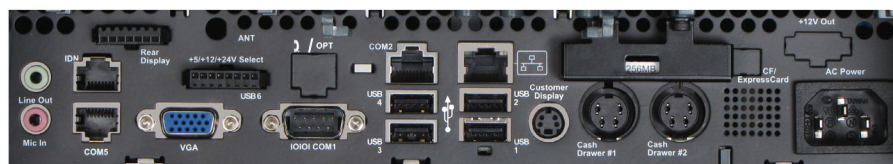 Software

The innovative WS5A point-of-sale hardware.

MICROS WS5A Specs

Processor:	AMD Geode LX800 with CS5536 Companion Chip • 32-bit x86 processor
Operating System:	Microsoft® Windows® Embedded CE 6.0 Microsoft® WEPOS, XP Embedded Support (Linux may also be supported)
Solid State Flash Storage:	256 MB uDOC – Standard for CE 4 GB uDOC - Standard for WEPOS
Volatile Memory:	Up to 2GB DDR RAM (Two DIMM Sockets) • 256 MB Standard
Removable Flash Memory:	Standard 50 Pin Type 1 Compact Flash (Expandable to 8 GB)
Networking:	IEEE 802.3 Compliant 10/100/1000 BaseT on Board • Wake On LAN Supported)
Integrated Wireless:	Mini-PCI WLAN 802.11 a/b/g Option • Internal or External Antenna Placement
Display:	15" TFT Active LCD >250 NIT Brightness • 1024 x 768 XGA Resolution • 16M Colors
Touchscreen:	5-Wire Resistive • Capacitive Touchscreen Option • No Touchscreen Option
Power Supply:	Internal, Universal Input / Auto-Switching
Integrated Magnetic Stripe Reader:	3 Track Serial TTL Interface (internal)
Audio:	Mic In, Line Out Ports Integrated R/L Speakers Standard
Cash Drawer Ports:	2 - MICROS 12/24 Volt Cash Drawer Ports
Serial Ports:	1 - 9 pin RS-232 Serial Port 2 – RJ45 RS-232 Serial Port
IDN Port:	1 – RJ45 RS422/RS485/RS232 Switchable Port – Labeled "Port A"
Customer Display Ports:	1 – 4 Pin Mini-DIN Connector for MICROS Pole Display 1 - 7 Pin Port Header for Integrated Customer Display Option Optional Support for VGA 2nd Display (WEPOS only)
USB Ports:	4 External USB V2.0
Mini-PCI Port:	Mini-PCI Port Provided to Support Integrated Wireless or Second Graphics Card (WEPOS only)
Integrated Fingerprint Reader:	Optional – Optical USB
Dimensions:	4.3" H x 15.40" W x 13.00" D
Weight:	6.46kg/14.24lbs
Enclosure:	Rugged ABS Plastic Blend, Spill Resistant Enclosure. (MICROS Grey) Passive Cooling (No fans)
Operating Temp:	0° C to 45o C (32° to 113° F)
Certifications:	FCC Class A, UL, CE, CCC
Other:	RoHS Compliant Design

Numerous ports to handle you peripheral needs

Find out more about how MICROS can help you grow

Get in touch with us for more information or to schedule a demo and consultation appointment.

Phone:
(631)244-9200

Microsan Corp.
90-4 Colin Drive
Holbrook, NY 11741
micros.sales@microsanpos.com
www.microsli.com