



Hardware

MICROS reaffirms its commitment to providing industry leading Point-of-Sale hardware with the new Workstation 5 (WS5). Building on the very successful WS4 and alongside the next generation WS4 LX, the WS5 demonstrates MICROS's unique ability to design rugged, affordable hardware that is easy to install & maintain, intuitive to use, and extremely reliable. The all new WS5 features a powerful processor running the latest Microsoft Windows Embedded operating systems and a large, bright 15" touchscreen display. Other impressive characteristics include standard stereo speakers, 1G networking, MICROS CAL, and an advanced operating system recovery utility. The use of flash memory and passive cooling reduces the risk of costly mechanical failures, and improves system reliability and uptime. Improved I/O connectivity, a new, easy-to-use adjustable stand, and many modular options make the WS5 highly configurable and ready for use in a wide range of applications.



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

Benefits Overview

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
- New Slim Line Integrated Modular MSR
- New Stand

Increased Performance

- AMD Geode LX800 Processor and Companion Chip provide superior performance with low thermal output
 - Integrated North Bridge offers direct interface between memory and processor for unparalleled performance in a fan-less device
 - 2G of DDR RAM supported
- Four USB 2.0 ports provide data speeds 40 times faster than USB 1.1
- Supports 10/100/1000 Base-T Ethernet

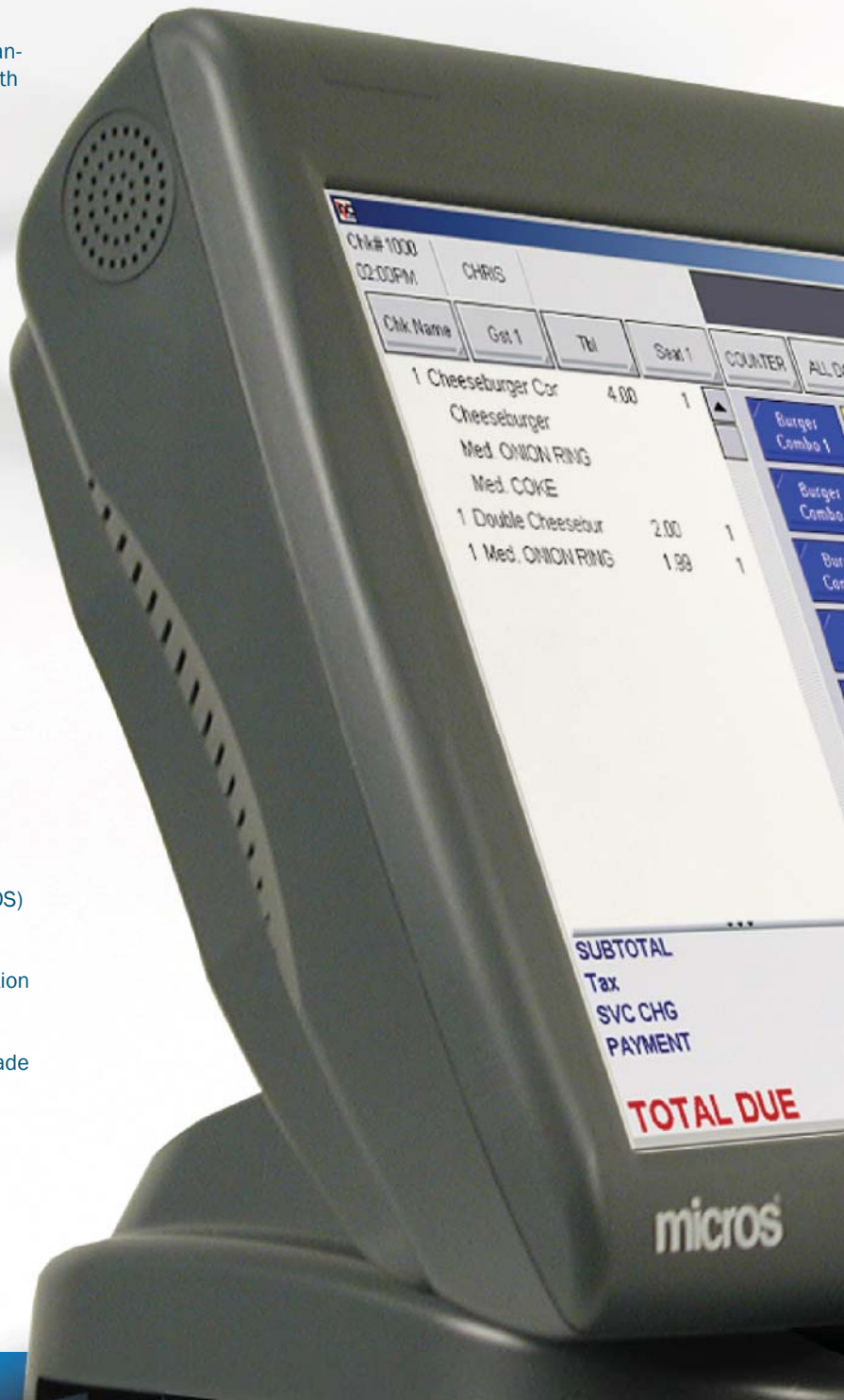
Flexible Installation Options

- Newly Designed Adjustable Stand
 - Improved cable management
 - Easy installation, even with maximum cables installed
 - Printer power supply protection
 - Customer display mounting option
- VESA compatible mounting (100 mm supported)
- Optional integrated fingerprint reader
- Support for MICROS cash drawers, customer displays, and IDN printers

Enhanced Platform Options

- Windows® Embedded CE 6.0
 - Improved memory management
 - .NET Framework 2.0
- Additional operating systems supported
 - Windows® Embedded for POS (WEPOS)
 - Windows® XP Embedded
- MICROS CAL
 - 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

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 WS5.



WS5

SPECIFICATIONS



Processor	<ul style="list-style-type: none"> ■ AMD Geode LX800 with CS5536 Companion Chip <ul style="list-style-type: none"> • 32-bit x86 processor
Operating System	<ul style="list-style-type: none"> ■ Microsoft Windows Embedded CE 6.0 ■ Microsoft WEPOS, XP Embedded Support <i>(Linux may also be supported)</i>
Solid State Flash Storage	<ul style="list-style-type: none"> ■ 256 MB uDOC – Standard for CE ■ 4 GB uDOC - Standard for WEPOS
Volatile Memory	<ul style="list-style-type: none"> ■ Up to 2GB DDR RAM <i>(Two DIMM Sockets)</i> <ul style="list-style-type: none"> • 256 MB Standard
Removable Flash Memory	<ul style="list-style-type: none"> ■ Standard 50 Pin Type 1 Compact Flash <i>(Expandable to 8 GB)</i>
Networking	<ul style="list-style-type: none"> ■ IEEE 802.3 Compliant 10/100/1000 BaseT on Board <ul style="list-style-type: none"> • Wake On LAN Supported
Integrated Wireless	<ul style="list-style-type: none"> ■ Mini-PCI WLAN 802.11 a/b/g Option <ul style="list-style-type: none"> • Internal or External Antenna Placement
Display	<ul style="list-style-type: none"> ■ 15" TFT Active LCD >250 NIT Brightness <ul style="list-style-type: none"> • 1024 x 768 XGA Resolution • 16M Colors
Touchscreen	<ul style="list-style-type: none"> ■ 5-Wire Resistive <ul style="list-style-type: none"> • Capacitive Touchscreen Option • No Touchscreen Option
Power Supply	<ul style="list-style-type: none"> ■ Internal, Universal Input / Auto-Switching
Integrated Magnetic Stripe Reader	<ul style="list-style-type: none"> ■ 3 Track Serial TTL Interface <i>(internal)</i>
Audio	<ul style="list-style-type: none"> ■ Mic In, Line Out Ports ■ Integrated R/L Speakers Standard
Cash Drawer Ports	<ul style="list-style-type: none"> ■ 2 - MICROS 12/24 Volt Cash Drawer Ports
Serial Port	<ul style="list-style-type: none"> ■ 1 - 9 pin RS-232 Serial Port ■ 2 - RJ45 RS-232 Serial Port
IDN Port	<ul style="list-style-type: none"> ■ 1 - RJ45 RS422/RS485/RS232 Switchable Port – Labeled "Port A"
Customer Display Ports	<ul style="list-style-type: none"> ■ 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 <i>(WEPOS only)</i>
USB Ports	<ul style="list-style-type: none"> ■ 4 External USB V2.0
Mini-PCI Port	<ul style="list-style-type: none"> ■ Mini-PCI Port Provided to Support Integrated Wireless or Second Graphics Card <i>(WEPOS only)</i>
Integrated Fingerprint Reader	<ul style="list-style-type: none"> ■ Optional – Optical USB
Dimensions	<ul style="list-style-type: none"> ■ 4.3" H x 15.40" W x 13.00" D
Weight	<ul style="list-style-type: none"> ■ 6.46kg/14.24lbs
Enclosure	<ul style="list-style-type: none"> ■ Rugged ABS Plastic Blend, Spill Resistant Enclosure. <i>(MICROS Grey)</i> ■ Passive Cooling <i>(No fans)</i>
Operating Temp	<ul style="list-style-type: none"> ■ 0° C to 45° C (32° to 113° F)
Certifications	<ul style="list-style-type: none"> ■ FCC Class A, UL, CE, CCC
Other	<ul style="list-style-type: none"> ■ RoHS Compliant Design





7031 Columbia Gateway Drive
Columbia, MD 21046-2289, USA
www.micros.com

Sales information:
(443) 285-6000
(866) 287-4736 (US and Canada)