

# Oracle MICROS Workstation 5A



**INTELLIGENT, SIMPLE TO USE,  
RELIABLE, AND AFFORDABLE**

#### KEY FEATURES

- Easy to install
- Passive cooling
- Flash memory for mass storage
- Spill resistance
- Oracle MICROS peripheral support
- Small footprint and multiple mounting options
- Optional wireless networking

#### KEY BENEFITS

- Lower TCO with a simple support model
- Improve system reliability and uptime with no moving fan or hard drive
- Reduce power consumption and energy costs
- Reduce the risk of mechanical failure

Specifically designed for the hospitality and retail industries, Oracle MICROS Workstation 5A combines innovative technology and peripheral connectivity with superior usability and modular options for use in a wide range of applications. The Oracle MICROS Workstation 5A point-of-sale (POS) terminal is dependable, easy to install and use, spill resistant, and operational in a wide range of temperatures, providing customers with a ruggedized and reliable POS hardware solution.

## Outstanding Performance with Environmental and Economic Responsibility

The need for dependable, easy-to use devices in the hospitality and retail marketplaces is obvious. To be successful, POS terminals must meet the requirements of these industries: they must be easy to install, reliable, unobtrusive, and adaptable. When repair or service is required, it must be quick and intuitive to keep downtime to an absolute minimum.

Oracle MICROS Workstation 5A meets and surpasses these standards. Installing a new workstation is as easy as plugging in a network and power cable, and then following a few prompts on the display. Oracle MICROS Workstation 5A delivers long-lasting, trouble-free operation by reducing mechanical wear through passive cooling and by using flash memory for mass storage. It has no moving parts and therefore sips electrical power for an environmentally and economically responsible device.

Oracle MICROS Workstation 5A is spill resistant and operates in a wide range of temperatures. In addition, customers with a large investment in Oracle peripherals can be assured that their cash drawers, printers, and customer displays will be supported by Oracle MICROS Workstation 5A. The workstation continues to provide a compact, all-in-one design with a small footprint and multiple options for mounting or placement, leaving premium space available for other business uses. Oracle MICROS Workstation 5A's adaptability is greatly enhanced by its modular design and available options, including mounting, touchscreen, wireless, and peripheral support. With so many advanced features, Oracle MICROS Workstation 5A helps your business run smoothly and efficiently.

### Form Factor and Features

- 15-inch LCD touchscreen with 1024 x 768 resolution and five-wire resistive touch; options available for a capacitive touchscreen or no touchscreen
- Integrated audio with stereo speakers standard
- Integrated magnetic card reader (MCR) capable of 3DES/AES hardware level encryption
- 802.11n and 802.11a/b/g/n wireless networking options
- Biometric support

### Increased Performance

- Intel Atom processor to balance excellent performance and low thermal output
- Persistent storage using serial ATA (SATA) hard drive or solid state USB flash drive for primary storage
- 2 GB of double data rate (DDR) 667 RAM
- Four USB 2.0 ports provide data speeds 40 times faster than USB 1.1
- Support for 10/100/1000Base-T Ethernet

### Flexible Installation Options

- Adjustable stand with improved cable management, easy installation, printer power supply protection, and a customer display mounting option
- Video Electronics Standards Association (VESA)100 mounting pattern
- Support for Oracle cash drawers, customer displays, and independent device network (IDN) printers

### Enhanced Platform Options

- Windows Embedded CE 6.0 R3 provides lower operating system (OS) license cost, less maintenance, long-term support, and the capability to upgrade remotely
- Oracle Hospitality RES 3700 Client Application Loader maintains correct version of application and platform while providing unattended Windows CE OS and platform upgrade capability
- New, integrated platform recovery utility
- Enhanced suite of diagnostic tools



Oracle MICROS Workstation 5A provides customers with the latest technology, while ensuring lower total cost of ownership, a simpler support model, and improved reliability.

## ORACLE MICROS WORKSTATION 5A SPECIFICATIONS

Feature	Specifications
Processor	Intel Atom N450
Operating system	<ul style="list-style-type: none"> <li>Microsoft Windows Embedded CE 6.0 R3</li> <li>Microsoft Windows POSReady 7 and POSReady 2009</li> </ul>
Solid state flash storage	<ul style="list-style-type: none"> <li>512 Mb uDOC standard with Microsoft Windows Embedded CE</li> <li>2.5" SSD is standard with Microsoft POSReady</li> </ul>
Volatile memory	<ul style="list-style-type: none"> <li>Up to 2 GB DDR RAM with 2 dual in-line memory module (DIMM) sockets</li> <li>512 MB standard</li> </ul>
Removable flash memory	<ul style="list-style-type: none"> <li>Standard 50 pin type</li> <li>1 compact flash</li> <li>Memory expandable to 8 GB</li> </ul>
Networking	<ul style="list-style-type: none"> <li>Compliant with IEEE 802.3</li> <li>10/100/1000Base-T onboard</li> <li>Wake on LAN supported</li> </ul>
Integrated wireless	<ul style="list-style-type: none"> <li>Mini PCI WLAN 802.11 a/b/g/n option</li> <li>Internal or external antenna placement</li> </ul>
Display	<ul style="list-style-type: none"> <li>15" TFT active LCD with &gt;250 NIT brightness</li> <li>1024 x 768 XGA resolution</li> <li>16 million colors</li> </ul>
Touchscreen	Five-wire resistive touchscreen
Power supply	Internal, universal input/autoswitching
Integrated magnetic card reader	Internal, three-track serial transistor-transistor logic (TTL) interface
Audio	<ul style="list-style-type: none"> <li>Mic in, line out ports</li> <li>Integrated R/L speakers</li> </ul>
Cash drawer ports	2 – 12/24 V ports for Oracle MICROS cash drawers
Serial ports	<ul style="list-style-type: none"> <li>1 – 9 pin RS232 serial port</li> <li>2 RJ45 RS232 serial ports</li> </ul>
IDN port	1 RJ45 RS422/RS485/RS232 switchable port, labeled "Port A"
Customer display ports	<ul style="list-style-type: none"> <li>1 – 4 pin mini-DIN connector for Oracle MICROS pole display</li> <li>1 – 7 pin port header for integrated customer display option</li> <li>Optional support for a second VGA display with Microsoft POSReady only</li> </ul>
USB ports	4 external USB V2.0 ports
Mini PCI port	Mini PCI port provided to support integrated wireless
Integrated fingerprint reader	Optional – optical USB

**ORACLE MICROS WORKSTATION 5A SPECIFICATIONS (CONT'D)**

Feature	Specifications
Dimensions	4.30" H x 15.40" W x 13.00" D
Weight	<ul style="list-style-type: none"> <li>• 6.46 kg</li> <li>• 14.24 lb.</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>• Rugged acrylonitrile, butadiene, and styrene (ABS) plastic blend</li> <li>• Spill-resistant enclosure</li> <li>• Passive cooling with no fans</li> </ul>
Operating temperature	<ul style="list-style-type: none"> <li>• 0° to 45° Celsius</li> <li>• 32° to 113° Fahrenheit</li> </ul>
Certifications	<ul style="list-style-type: none"> <li>• Federal Communications Commission Class A</li> <li>• Underwriters Laboratory (UL)</li> <li>• European Economic Area conformity marking (CE marking)</li> <li>• European Union's Restriction of Hazardous Substances (RoHS) Directive</li> <li>• China Compulsory Certification</li> </ul>



Oracle MICROS Workstation 5A provides numerous ports to handle your peripheral needs.

**CONTACT US**

For more information about Oracle MICROS Workstation 5A, visit [oracle.com](http://oracle.com) or call +1.800.ORACLE1 to speak to an Oracle representative.



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