



Hardware

Since the release of the revolutionary MICROS Workstation 4 (WS4) point-of-sale (POS) terminal in 2003, MICROS has installed almost 200,000 units around the world. With the WS4, MICROS led a transition in POS technology away from complicated and costly PC-based hardware, to lower-cost, more reliable, solid-state POS appliances that provide superior functionality with the lowest total-cost-of-ownership on the market. Continuing that leadership, the Workstation 4 LX (WS4 LX) provides all of the same benefits, while providing a 3X improvement in performance.



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

Benefits Overview

Reliable

- Solid-state design that is reliable and rugged
- Microsoft® Windows® CE 6.0 is a secure, lower-cost operating system
- Passively cooled and uses flash memory for mass storage

Diskless and Fanless

- No fans or hard drive make the WS4 LX more reliable and less costly to run than traditional PC-based devices

Quiet

- The WS4 LX has no moving parts, so there is no noise to announce its presence

Environmentally Friendly

- Compliant with the European Union Directive on Restriction of Hazardous Substance (RoHS) requirements and the latest Chinese environmental requirements
- The WS4 LX requires less than ½ the energy of typical PC based devices, cutting power costs by 50%

Easy to Install and Service

- Pre-loaded with MICROS CAL (Client Application Loader) making installation as easy as plugging in a network and power cable
- Depot Friendly
 - Simple to swap with a handy spare
 - Removable “personality module” on an off-the-shelf compact flash card stores a record of key information
 - MICROS service providers pick up and repair the inactive workstation at your convenience

Compact

- The WS4 LX can be placed or mounted to meet your specific needs and connected to a wide range of POS peripherals

Tight Integration

- The joint development of cohesive hardware, platform software, and application software results in an extremely robust, easy-to-use point-of-sale appliance

Automatic Upgrades

- Operating system and software upgrades can be performed automatically and unattended



WS4_{LX}

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 CE 6.0
Solid State Flash Storage	<ul style="list-style-type: none"> ■ USB 2.0 Flash Storage (256 MB to 8 GB) <ul style="list-style-type: none"> • Minimum 128 MB Standard
Volatile Memory	<ul style="list-style-type: none"> ■ Up to 1GB DDR SDRAM (<i>Single DIMM Socket</i>) <ul style="list-style-type: none"> • 256 MB DDR333 DIMM Standard
Removable Flash Memory	<ul style="list-style-type: none"> ■ Compact Flash – Standard 50 pin Type 1 (256 MB to 16 GB) <ul style="list-style-type: none"> • Minimum 128 MB Standard
Networking	<ul style="list-style-type: none"> ■ 10/100/1000 BaseT on board
Display	<ul style="list-style-type: none"> ■ 12.1" TFT Active High Bright LCD <ul style="list-style-type: none"> • 800 x 600 SVGA resolution
Touchscreen	<ul style="list-style-type: none"> ■ 5-Wire Resistive
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 RS232 Interface (<i>internal</i>)
Audio	<ul style="list-style-type: none"> ■ Internal PC beeper
Cash Drawer Ports	<ul style="list-style-type: none"> ■ 2 - MICROS Cash Drawer Ports 12/24Volt
Serial Port	<ul style="list-style-type: none"> ■ 1 - 9 pin RS-232 serial port
IDN Port	<ul style="list-style-type: none"> ■ 2 - RJ45 RS422/RS485/RS232 switchable ports – Labeled "A" & "B"
Customer Display Ports	<ul style="list-style-type: none"> ■ 2 - 1 External 4 pin mini-DIN connector for Pole Display, 1 Internal 6 pin header for Integrated Customer Display
USB Ports	<ul style="list-style-type: none"> ■ 6 – 4 External USB V2.0, 2 Internal USB 2.0 headers for Flash Drive & Touch Screen
Dimensions	<ul style="list-style-type: none"> ■ 13.7" W x 11.7" D x 5.4" T
Weight	<ul style="list-style-type: none"> ■ 7.75 lb (3.5 kg) / Shipping 11 lb (5 kg)
Enclosure	<ul style="list-style-type: none"> ■ Rugged PC-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	FCC Class A, UL, CE, TUV, CCC





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

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