



# KW270

## Hardware

Introducing, the MICROS Keyboard Workstation 270 (KW270) the next innovation in point-of-sale terminals by MICROS continuing the tradition of developing powerful hardware with the latest technology. The MICROS KW270 is an embedded point-of-sale terminal specifically targeted for the stadium, arena, and theme park market. Ideally suited for indoor and outdoor concessions, and all quick service environments.

Featuring a 5.7 inch color QVGA display, robust keyboard, spill proof case work, integrated magnetic card reader, integrated scanner, wide operating temperature range, battery, and wireless card, the MICROS KW270 is a perfect fit for point of sale “anytime / anywhere”.



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

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## HIGH VOLUME OPERATIONS DEMAND SUPERIOR HARDWARE

### Small Footprint

- Realigned keypad layout, operator display and magnetic card reader enable the MICROS KW270 to be placed in environments with limited space
- The MICROS KW270 can be placed or mounted to meet your specific needs and connected to a wide range of POS peripherals

### Battery Powered

- The MICROS KW270 is designed to provide 10 hours of POS operation off a single charge
- The charging circuitry is integrated into the workstation, requiring only standard A/C power for recharging
- The battery is also easily removable and field replaceable

### Diskless and Fanless

- No fan or hard drive makes the MICROS KW270 more reliable and lowers the total cost of ownership compared to other traditional PC-based devices
- Passively cooled and uses flash memory for storage, improving overall reliability by removing the mechanical components most susceptible to failure
- No moving parts, so there is no noise to identify its presence

### Easy to Install and Service

- Pre-loaded with the MICROS CAL (Client Application Loader) making installation as easy as connecting to the network and plugging into the power
- Modular design allows ease of repair by the extensive MICROS Service Network
- Operating systems and MICROS software upgrades can be performed automatically and unattended

### Tight Integration

- The joint development of hardware, software platform and application results in an extremely robust, reliable, and easy-to-use point of sale
- VESA mounting platform for use with all industry standard mounting brackets
- Integrated cashier facing magnetic card reader makes the MICROS KW270 more spill resistant
- Integrated customer facing scanner for tickets, retail items, and barcoded food and beverage items
- Integrated LCD customer display
- Integrated wireless networking card allowing a diverse configuration for the most effective wireless communication

### Environmentally Friendly

- The MICROS KW270 requires less than ½ the energy of a typical PC-based device cutting power consumption by 50%
- The power saving mode during idle times provides energy conservation for large facilities

### Certifications

- Federal Communications Commission (FCC)
- Under Writers Laboratory (UL)
- European Union Directive on Restriction of Hazardous Substances (RoHS)
- TUV Rheinland (TUV)
- China Compulsory Certification (CCC)
- CE Mark (CE)





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## SPECIFICATIONS



Processor	■ Freescale iMX27L (ARM9 Core)
Operating System	■ Microsoft Windows® CE 6.0
Storage	■ 128M Fixed NAND Flash "Boot" ■ 256M Removable SDIO "Store"
Memory	■ 256 MB - Fixed on board
Networking	■ On Board 10/100 Ethernet ■ Optional 802.11 Wireless with integrate antennas
Display/Resolution	■ 5.7" Color TFT QVGA
Keyboard	■ 90 Key Membrane Keypad - Fully programmable
Power Supply	■ External, 65W Power Brick with Universal Input
Magnetic Card Reader	■ Modular Integrated 3 Track MSR
Cash Drawer Ports	■ 2 – MICROS 12/24V Ports
Serial Ports	■ 6 Total • 1 Powered DB9 RS232 Serial • 2 RJ45 MICROS IDN/RS232 Serial • 1 RJ45 RS232 Serial • 1 Internal RJ45 Reserved for MSR • 1 Internal "SPI" Interface Reserved
Integrated Customer Display	■ Integrated 2x20 Transflective LCD
USB Ports	■ 5 Total • 2 on Main I/O Panel • 2 on Rear I/O Panel • 1 Internal USB "On The Go" Header
Pole Display Ports	■ Support MICROS Pole Display
Additional I/O Ports	■ 2 SDIO Sockets • 1 – Reserved for "Store" memory card • 1 – Used for Optional Wireless Card
Power Connections	■ 1 – 9V Power Output ■ 1 – 12V Power Output
Operating Temp	■ -10° C to 60° C (14° F to 140° F)





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