

# Oracle MICROS Compact Workstation 3 Series

Optimize limited and remote locations with the Oracle MICROS Compact Workstation 3 Series. With its ruggedized design and industry-leading durability, this all-in-one can hold up to the harshest of environments.

## SERVE GUESTS IN MORE PLACES WITH RUGGED AND PORTABLE POS HARDWARE

The Oracle MICROS Compact Workstation 310 and 310R are rugged, portable, Point-of-Sale (POS) devices designed and built for the hospitality market. A perfect choice for limited menu efficiency, these all-in-one units are not only portable with a small 10-inch footprint, but exemplify durability, withstanding the harshest of temperatures. The devices are packed with features such as integrated LAN connectivity, magnetic stripe reader and customer-facing display. Options include Wi-Fi, full-shift battery, fingerprint reader, and several mounting choices.



Oracle MICROS  
Compact Workstation 310R

## COMPACT WORKSTATION 3 SERIES

The Compact Workstation 3 Series offers industry-leading performance and durability to withstand a broad range of environmental conditions. Software compatibility, updates and peripherals are pre-tested, eliminating integration and management guess work. The device offers a long lifecycle and lower meantime before failure (MTBF), resulting in far fewer failures and refresh cycles.

## ADDITIONAL BENEFITS OF THE 310R “RUGGED” MODEL:

- Increased Display Brightness (800 Nits)
- Daylight Viewable Display
- Extended temperature range from -10°C ~ 60°C
- Compatible with wide range of Oracle MICROS Stands, Wall Mounts and Peripherals
- Designed to Withstand Harsh Environments with an IP-55 Rating

## AVAILABLE CONFIGURATIONS:

	PN	DESCRIPTION
<b>Oracle Linux for MICROS</b>	7600715	Oracle MICROS Compact Workstation 310R with 10.1-inch daylight viewable touchscreen display, 1 Intel Atom dual-core processor, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, power supply, and Oracle Linux for MICROS
	7600714	Oracle MICROS Compact Workstation 310 with 10.1-inch standard touchscreen display, 1 Intel Atom dual-core processor, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, power supply, and Oracle Linux for MICROS
<b>Windows 10 IoT Enterprise</b>	7602953	Oracle MICROS Compact Workstation 310 with 10.1-inch standard touchscreen display, 1 Intel Atom dual-core processor, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, power supply, and Windows 10 IoT Enterprise 2019 LTSC
	7602952	Oracle MICROS Compact Workstation 310 with 10.1-inch standard touchscreen display, 1 Intel Atom dual-core processor, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, Wi-Fi, power supply, and Windows 10 IoT Enterprise 2019 LTSC
	7602955	Oracle MICROS Compact Workstation 310R with 10.1-inch daylight viewable touchscreen display, 1 Intel Atom dual-core CPU, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, Wi-Fi, power supply, and Windows 10 IoT Enterprise 2019 LTSC
	7602954	Oracle MICROS Compact Workstation 310R with 10.1-inch daylight viewable touchscreen display, 1 Intel Atom dual-core processor, 4 GB RAM, 64 GB SSD, MSR, 256 by 64 customer display, power supply, and Windows 10 IoT Enterprise 2019 LTSC

## WHY ORACLE MICROS WORKSTATIONS?

### ORACLE MICROS COMPACT WORKSTATION (Both Models: 310 & 310R)

CW310 & CW310R	ADVANTAGES/BENEFITS TO CUSTOMER
<b>Anti-Glare Display</b>	<p><b>What are the benefits of an anti-glare display?</b></p> <ul style="list-style-type: none"> <li>• Reduces contrast and thus reduces stress on the user's eyes- allowing for longer use</li> <li>• Reduces glare on the display (which improves visibility in high-bright locations)</li> <li>• Reduces appearance of fingerprints.</li> </ul>
<b>Open Casework Detection</b>	<p><b>The Open Casework detection feature:</b></p> <ul style="list-style-type: none"> <li>• Detects the removal of modular components</li> <li>• Detects opening of the casework.</li> </ul>
<b>Battery Support</b>	Battery support provides customers with the option to easily relocate point-of-sale location, without having to worry about being connected to a wired power source. Customers can use the Compact Workstation in their pop-up shop, on the golf green, or in stadium kiosks.
<b>Intel Processor built for embedded use condition and 15-year availability</b>	<p>The Compact Workstations are built on the Intel® Core™ U-Series processors for IoT applications.</p> <p><b>The Processors Feature:</b></p> <ul style="list-style-type: none"> <li>• Long-life availability (15 years)</li> <li>• Built for embedded use conditions</li> <li>• Meet the increasing requirements for graphics, audio, and compute capabilities while providing the headroom to consolidate data and applications</li> </ul>
<b>Fanless System</b>	<p><b>What are the Benefits of a Fanless System?</b></p> <ul style="list-style-type: none"> <li>• <b>Improved Shock and Vibrating Resistance</b></li> <li>• <b>Reduced Power Consumption:</b> not only does the processor generate less heat and require less power than standard fan-based models, the removal of the fan itself also reduces power consumption</li> <li>• <b>Improved Reliability:</b> mechanical failure is reduced (from eliminating moving parts)</li> <li>• <b>Improved Cleanliness:</b> eliminates circulation of dust and pathogens, keeping dust, grease, and humidity out of the system, reducing likelihood of component failure and improving performance.</li> <li>• <b>Quiet Operation:</b> Removing the fan allows for quiet operation without the humming of a fan.</li> </ul>
<b>USB Type-C Port Included</b>	The inclusion of the USB Type-C port allows for greater peripheral options, and also future-proofs the system.

## ORACLE MICROS COMPACT WORKSTATION (310 Model) FEATURES

CW310	ADVANTAGES/BENEFITS TO CUSTOMER
<b>High Bright Display: 300 nits</b>	<p><b>Why are high-bright displays needed for Point-of-Sale applications?</b> Improved visibility for variable environments. Improved visibility not only improves associate efficiency but will also lead to greater productivity and overall appearance.</p>
<p><b>IP-43 Rating on Whole System</b> Source: NTS Environmental Testing for Ingress Protection <a href="https://www.nts.com/services/testing/environmental/ingress-protection/">https://www.nts.com/services/testing/environmental/ingress-protection/</a></p>	<p><b>What is an IP-Rating?</b> Ingress Protection testing, or IP testing, tests a product's ability to protect against "ingress," that is, the infiltration of water, dust and foreign objects.</p> <ul style="list-style-type: none"> <li>• The "4" rating in IP-43 applies to items in which hazardous parts cannot be accessed even with a wire, or foreign objects greater than 1.0 mm. This is tested using a 1.0 mm access probe and by inspection to ensure any dust that enters would not interfere with the part's functionality.</li> <li>• The "3" rating in IP-43 is given when an item is safe from ingress from spraying liquid. This is tested by spraying water at an angle up to 60 degrees of vertical and established that no harm came from this.</li> </ul>
<b>Extensive temperature range from 0°C ~ 50°C</b>	<p><b>Why is a broad temperature range important?</b> It is especially important for point-of-sale applications, given the varying installation environment. Because the Compact Workstation 310 is rated for use in high-heat, there is less likelihood of component failure due to overheating.</p>

## COMPACT WORKSTATION (Rugged Model 310R) FEATURES:

CW310R "RUGGED"	ADVANTAGES/BENEFITS TO CUSTOMER
<b>Daylight Viewable Display: 800 nits</b>	<p><b>Why are daylight viewable displays beneficial for high-bright locations?</b> Improved visibility for variable environments. Improved visibility not only improves associate efficiency but will also lead to greater productivity and overall appearance.</p> <ul style="list-style-type: none"> <li>• Ensure visibility in outdoor and indoor lighting conditions</li> <li>• Increased color saturation</li> <li>• Improved contrast ratio</li> </ul>
<b>IP-55 Rating on Whole System</b>	<p><b>What is an IP-Rating?</b> Ingress Protection testing, or IP testing, tests a product's ability to protect against "ingress," that is, the infiltration of water, dust and foreign objects.</p> <ul style="list-style-type: none"> <li>• The "5" rating in IP-5x applies to hazardous parts that can't be accessed, even with a wire, and protection against ingress from dust is also applicable. This is tested using a 1.0 mm access probe and by inspection to ensure any dust that enters would not interfere with the part's functionality.</li> <li>• The "5" rating in IP-x5 applies to items that are protected against ingress from jets of liquid. It is given after testing with water jets, and it shows there were no harmful effects.</li> </ul>
<b>Industry leading temperature range from -10°C ~ 60°C</b>	<p><b>Why is a broad temperature range important?</b> The Compact Workstation 310R has an even broader temperature range to accommodate very cold to very hot temperatures for a range of environmental conditions.</p>

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