



# WF68

Mobile Computer

- ◆ Extra Rugged IP68 Android
- ◆ 1.7m Drop Tested
- ◆ 3G/4G LTE + Dual SIM
- ◆ Wi-Fi Seamless Roaming
- ◆ High performance 1D/2D imager
- ◆ NFC Reader/Writer
- ◆ Kiosk Mode (User/Admin Mode)
- ◆ Extra long battery runtime

## Designed for Field Service Mobile Workforce

### WF68 Mobile Computer

Extra Rugged Mobile Computer

Gorilla® Glass 4

50,000 Units Sold

Android 6.0

Large 4600mAh Battery

5" LCD Sunlight Viewable

Lightweight 246g

Logistics

Louder Speaker

Warehouse

Utilities

Retail

WF43

Dual SIM

MIFARE / FeliCa

WF35

Charging Cradle

Seamless VOIP

### Wi-Fi Seamless Roaming

WF28 1.7m Drop Tested

2.4G & 5GHz Wi-Fi

Kiosk Mode

IP68

Fast Battery Charging

3G/4G LTE

Honeywell 1D/2D Imager

OTA ROM Upgrade

Bluetooth 4.X LE

Uninterruptible RDP

Transportation

NFC Contact tags

NFC Reader/Writer



## WF68 Mobile Computer Specifications

Scope	Details	
<b>System</b>	CPU & OS	<ul style="list-style-type: none"> <li>Quad core 1.3GHz 64-bit CPU / Android 6.0</li> </ul>
<b>Memory</b>	RAM & Storage Memory	<ul style="list-style-type: none"> <li>2GB RAM / 16GB ROM</li> <li>Support external MicroSD Card (up to 64GB)</li> </ul>
<b>Dimension, Weight &amp; Protection Specs</b>	Dimension & Weight	<ul style="list-style-type: none"> <li>155 x 78 x 18mm (HxWxD) / 246g</li> </ul>
	Drop & Tumble Protection	<ul style="list-style-type: none"> <li>1.7m drop tested to concrete floor</li> <li>Exceeds 200 1.0 m (3.3 ft) tumbles</li> </ul>
	Water Protection	<ul style="list-style-type: none"> <li>IP68 dust and water resistant</li> </ul>
<b>Display &amp; Touch Panel</b>	Display	<ul style="list-style-type: none"> <li>5.0" 1280x720 IPS LCD / sunlight viewable</li> <li>Ambient light sensor for auto LCD brightness</li> </ul>
	Touch Panel	<ul style="list-style-type: none"> <li>Corning® Gorilla® Glass 4</li> <li>Multi-touch capacitive touch panel / High sensitivity</li> <li>Support many off-the-shelf gloves</li> </ul>
<b>Network &amp; Wireless Communication</b>	Network	<ul style="list-style-type: none"> <li>4G: FDD-LTE B1(2100) / B3(1800) / B7(2600) TD-LTE B38(2600) / B39(1900) / B40(2300) / B41(2500)</li> <li>3G: WCDMA B1(2100) / B2(1900) / B5(850) TD-SCDMA B34(2100) / B39(1900)</li> <li>2G: GSM B2(1900) / B3(1800) / B5(850) / B8(900)</li> <li>Dual SIM Support</li> </ul>
	Wi-Fi	<ul style="list-style-type: none"> <li>802.11 a/b/g/n 2.4GHz &amp; 5GHz</li> <li>Exceptional Wi-Fi always-on w/ sleep mode</li> </ul>
	Wi-Fi Roaming	<ul style="list-style-type: none"> <li>Fast &amp; seamless roaming*</li> <li>Seamless VOIP / Uninterruptible RDP (Remote Desktop)*</li> </ul>
	Bluetooth	<ul style="list-style-type: none"> <li>Bluetooth v4.0 LE</li> <li>Support standard profiles, e.g. headset, serial port &amp; etc</li> </ul>
	NFC	<ul style="list-style-type: none"> <li>13.56MHz / ISO 15693</li> <li>Support ISO14443A/B, MIFARE, FeliCa, NFC Forum tags</li> </ul>
	GPS / FM	<ul style="list-style-type: none"> <li>GPS and AGPS</li> <li>FM Radio</li> </ul>
<b>Sensors, Buttons, Notifications</b>	Sensors	<ul style="list-style-type: none"> <li>Accelerometer / Gyroscope / Compass</li> <li>Ambient light sensor</li> <li>Proximity sensor</li> <li>Barometer pressure sensor</li> </ul>
	Buttons	<ul style="list-style-type: none"> <li>Power ON/OFF</li> <li>Left shortcut button (configurable for barcode scanner)</li> <li>Volume +/-</li> <li>Home / back / menu</li> </ul>
	Notifications	<ul style="list-style-type: none"> <li>System LED - Power / charging</li> <li>Unique Sleep Mode indicating LED</li> <li>Vibrator with extra strength for outdoor usage</li> </ul>
	Symbologies	<ul style="list-style-type: none"> <li>1D: 1D: UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post</li> <li>2D (Stacked): PDF417, MicroPDF417, GS1 Composite</li> <li>2D (Matrix): Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code</li> <li>Some Postal code format</li> </ul>
	Features	<ul style="list-style-type: none"> <li>Honeywell® high performance 1D/2D imager</li> <li>Sensor Resolution: 844 x 640 @ 60fps</li> <li>White LED illumination (scan in total darkness)</li> <li>Highly visible aimer (clear and easily observed target area)</li> </ul>
<b>Camera</b>	Rear Camera	<ul style="list-style-type: none"> <li>13MP Still 3120 x 4160 / Video 1270 x 720</li> </ul>
<b>Battery &amp; Charging</b>	Battery	<ul style="list-style-type: none"> <li>4600mAh Li-ion battery (Inbuilt)</li> <li>Integrated fuel gauge</li> </ul>
	Power IC Protection	<ul style="list-style-type: none"> <li>ESD protections on sockets/plugs</li> <li>Avoid high transient voltage/current, surge or reverse polarity</li> </ul>
	Charging Cradle	<ul style="list-style-type: none"> <li>(Optional) Charging cradle</li> </ul>
<b>Audio, Slots &amp; Ports</b>	Audio	<ul style="list-style-type: none"> <li>Audio speaker (Enlarged volume for outdoor usage)</li> <li>Standard 3.5mm earphone jack</li> <li>Dual Microphone for noise reduction</li> </ul>
	Ports & Slots	<ul style="list-style-type: none"> <li>Micro-USB port (Charging and data transfer via PC)</li> <li>MicroSD card slot</li> <li>Dual Micro SIM slot</li> </ul>
<b>Remote Desktop (RDP)</b>	RDP*	<ul style="list-style-type: none"> <li>Support full screen, auto-logon, auto-start and RDP setup profile</li> <li>Auto scale and fit different screen resolution</li> <li>Seamless roaming enables uninterruptible RDP session</li> <li>Configurable system sleep mode for maximum RDP performance</li> <li>Tightly coupled with user mode, e.g. disable menu &amp; home keys</li> </ul>
<b>User/Admin Mode &amp; Licensing</b>	User Mode (Kiosk Mode)	<ul style="list-style-type: none"> <li>Hardened environment for end users and restrict allowed apps</li> <li>Configurable Home, Menu &amp; Back keys as well as notification bar</li> <li>Avoid support due to incorrect configuration changes by end users</li> <li>Disable USB and avoid intruders unauthorized changes on system</li> <li>Enable software licensing via hardware S/N and standard Android API</li> </ul>
<b>Remote Manageability</b>	Remote Display & Diagnostics	<ul style="list-style-type: none"> <li>Teamviewer<sup>1</sup> Internet support (Screen &amp; file transfer access behind firewall)</li> </ul>
	File Transfer	<ul style="list-style-type: none"> <li>FTP server for remote file upload/download</li> </ul>
	OTA Upgrade*	<ul style="list-style-type: none"> <li>OTA (over-the-air) ROM version check &amp; upgrade via Internet Cloud storage</li> </ul>
	Apps Update & Push	<ul style="list-style-type: none"> <li>Google play services for apps update and Internet push via web browser</li> </ul>
<b>Environmental</b>	Temperature & Humidity	<ul style="list-style-type: none"> <li>Operating Temperature: -20°C to 55°C</li> <li>Storage Temperature: -40°C to 70°C</li> <li>Humidity: 5% - 95% relative humidity (non-condensing)</li> </ul>
<b>Battery life</b>	Standby Time	<ul style="list-style-type: none"> <li>&gt; 8 days (Screen OFF + Dual-SIM on + Wi-Fi on w/ sleep mode)</li> </ul>
	Operating	<ul style="list-style-type: none"> <li>&gt; 12 hours (Screen ON + Dual-SIM on + Wi-Fi )</li> </ul>
	Charging Time	<ul style="list-style-type: none"> <li>2.5 hours / PE3.0 Fast Charging</li> </ul>



# WF68

## Mobile Computer

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\* Availability of Wi-Fi seamless roaming will be announced soon in website  
 1. Teamviewer is registered trademark of TeamViewer GmbH