



# Motion CL900

## PRODUCT SPECIFICATIONS

<b>Processor / Cache</b>	<ul style="list-style-type: none"><li>• Intel® Atom™ Z670 processor (1.5 Ghz)</li></ul>	<b>Integrated Communications</b>	<ul style="list-style-type: none"><li>• Optional Integrated Mobile Broadband with GPS capabilities (Gobi™ connectivity)</li><li>• Integrated WLAN</li><li>• Integrated Bluetooth® 3.0 Module</li><li>• Wireless SIM slot</li></ul>
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Genuine Windows® 7 Professional (32-bit)</li><li>• Genuine Windows® 7 Home Premium (32-bit)</li></ul>	<b>Built-in Cameras</b>	<ul style="list-style-type: none"><li>• Rear Facing up to 3.0 megapixel image resolution<ul style="list-style-type: none"><li>- JPG photo format with a resolution up to 2048 x 1536 pixels</li></ul></li><li>• Front Facing Web cam up to 1.3 megapixel resolution</li></ul>
<b>Durability Features<sup>1</sup></b>	<ul style="list-style-type: none"><li>• Meets MIL-STD-810G drop spec to 48"<ul style="list-style-type: none"><li>- IP52 rated<ul style="list-style-type: none"><li>- Water, dust and splash resistant</li></ul></li></ul></li><li>• SSD Storage</li><li>• Durable Corning® Gorilla® glass</li><li>• Aluminum-alloy internal frame</li></ul>	<b>Audio</b>	<ul style="list-style-type: none"><li>• Mono Speaker &amp; Dual Array Mics</li><li>• Combined Audio In/Out Jack</li></ul>
<b>Chipset</b>	<ul style="list-style-type: none"><li>• Intel® SM35 Express Chipset</li></ul>	<b>I/O Ports</b>	<ul style="list-style-type: none"><li>• 1 USB</li><li>• 1 Video Out (micro-HDMI, Type D)</li><li>• 1 SD Card</li><li>• Power Jack</li><li>• Dock Connector</li></ul>
<b>Input</b>	<ul style="list-style-type: none"><li>• Touch and Pen<ul style="list-style-type: none"><li>- Capacitive multi-touch</li><li>- Optional active stylus</li></ul></li></ul>	<b>Anti-Theft</b>	<ul style="list-style-type: none"><li>• Computrace® Complete (optional)</li></ul>
<b>Display &amp; Video</b>	<ul style="list-style-type: none"><li>• 10.1" Wide (LED BL, 1366x768) Dual Bonded Display with Corning® Gorilla® Glass</li><li>• Intel® GMA600 @ 400MHz</li><li>• HDMI 1.3a, HDCP 1.3<ul style="list-style-type: none"><li>- Up to 1080p @ 60Hz</li></ul></li><li>• Screen Rotation: 0°, 90°</li></ul>	<b>Dimensions</b>	<ul style="list-style-type: none"><li>• 10.9" x 7.06" x 0.61" (276.7mm x 179.2mm x 15.4mm)</li></ul>
<b>HD Audio Controller</b>	<ul style="list-style-type: none"><li>• Realtek ALC272 High Definition Codec</li></ul>	<b>Weight</b>	<ul style="list-style-type: none"><li>• 2.1 lbs.<sup>2</sup></li></ul>
<b>System Memory</b>	<ul style="list-style-type: none"><li>• 1GB or 2GB 800MHz DDR2</li></ul>	<b>Batteries</b>	<ul style="list-style-type: none"><li>• Lithium-Ion battery with 43WHr capacity<ul style="list-style-type: none"><li>- Battery capacity: up to 8 hours<sup>3</sup></li><li>- Battery charging: 2 hours (4:1 work-to-charge ratio)<sup>4</sup></li></ul></li></ul>
<b>System Storage</b>	<ul style="list-style-type: none"><li>• 30GB Solid State Drive (SSD)</li><li>• SATA 2.0 - 3.0Gb/s</li><li>• Optional 62GB Solid State Drive (SSD)</li></ul>	<b>System Status Indicators</b>	<ul style="list-style-type: none"><li>• Power on/off/sleep</li><li>• Battery status</li></ul>
		<b>Control Buttons</b>	<ul style="list-style-type: none"><li>• Secure Attention Sequence (SAS)</li></ul>



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### AC Adapter

- 65W universal, 3-pin jack
- 100-240V ~1.5A, 50-60Hz

### Environmental

- Temperature
  - Operation: +5°C to +43°C (+41°F to +110°F)
  - Storage: -20°C to +60°C (-4°F to 140°)
- Humidity
  - Operating humidity: 8% to 80% without condensation
  - Storage humidity: 8% to 90% without condensation
- Altitude
  - Operation: sea level 0 to 15K ft;

### Warranty

- Standard 1-year warranty
- Multi-year options available

### Standards

- ACPI 3.0b compliant

### Safety

- AS/NZS 3260:1997
- AS/NZS 60950-1 (2nd Edition)
- FCC/ANSI C63.4
- UL, CUL, CE (IEC/EN60950-1; 2009 +All)
- IEC/EN 60950-1 2nd Edition (2009)
- CAN/CSA RSS-102
- FCC OET65 Supplement C
- ETSI EN 62311:2008
- LVD (73/23/EEC)
- EU Directive 2002/95/EC
- EU Directive 2002/96/EC
- EU Directive 2006/66/EC and its amendments
- Substances of Very High Concern (SVHC) Article 59.1 of Regulation No. 1907/2006 of the European Parliament and the Council related to REACH
- California Proposition 65
- Technical Instructions for Safe Transport of Dangerous Goods by Air (ICAO Doc #9284)
- Emergency Response Guidance for Aircraft incidents
- involving Dangerous Goods (ICAO Doc #9481)

### Regulatory

- AS/NZS 3548:1995 Class B
- AS/NZS 4268
- AS/ACIF S042.1 (WCDMA/HSDPA)
- AS/ACIF S042.3 (WCDMA/HSDPA)
- AS/ACIF S042.1 (GSM/EDGE)
- AS/ACIF S042.3 (GSM/EDGE)
- CAN/CSA ICES-003 Class B
- CAN/CSA RSS-210 Issue 7
- CAN/CSA RSS-132 (1xRTT/EVDO)
- CAN/CSA RSS-133 (1xRTT/EVDO)
- CENELEC EN 55022 Class B (CISPR22)
- CENELEC EN 55024 (CISPR24)
- CENELEC EN 61000-3-2
- CENELEC EN 61000-3-3
- ETSI EN 301-893
- ETSI EN 300-328
- ETSI EN 301-489-1
- ETSI EN 301-489-7
- ETSI EN 301-489-17
- ETSI EN 301-489-24
- ETSI EN 301-511
- ETSI EN 301-908
- CC Part 15 Subpart B Class B
- FCC Part 15 Subpart C (2.4Ghz)
- FCC Part 15 Subpart E (5Ghz)
- FCC Part 22 H (1xRTT/EVDO)
- FCC Part 24 E (1xRTT/EVDO)
- R&TTE (89/336/EEC) & R&TTE (99/5/EC)

For more information please visit [www.MotionComputing.com](http://www.MotionComputing.com)  
**1-866-682-2538**

<sup>1</sup>Tested by independent, third party lab to MIL-STD-810G and IP-52 specifications. Accidental damage not covered under standard warranty. Optional additional warranty protection available.

<sup>2</sup>Weight represents approximate system weight. Actual system weight may vary depending on component and manufacturing variability.

<sup>3</sup>Battery life varies by configuration, applications in use, utilized features and operating conditions. Maximum battery capacity decreases with time and use. Motion battery life estimates based on MobileMark® 2007 performance testing.

<sup>4</sup>Approximate charging time.