



Motion CL900

PRODUCT SPECIFICATIONS

Processor / Cache	• "Oak Trail" Intel® Atom™ processor (1.5 Ghz)	Integrated Communications	• Optional Integrated Mobile Broadband with GPS capabilities (Gobi™ 3000) • Integrated 802.11 a/b/g/n WLAN • Integrated Bluetooth® 3.0 Module • Wireless SIM slot
Operating System	• Genuine Windows® 7 Professional (32-bit) • Genuine Windows® 7 Home Premium (32-bit)	Built-in Cameras (optional)	• Rear Facing up to 3.0 megapixel image resolution - JPG photo format with a resolution up to 2048 x 1536 pixels • Front Facing Web cam up to 1.3 megapixel resolution
Durability Features¹	• Meets MIL-STD-810G drop spec to 48" • IP52 rated - Water, dust and splash resistant • SSD Storage • Durable Corning® Gorilla® glass • Aluminum-alloy internal frame	Audio	• Mono Speaker & Dual Array Mics • Combined Audio In/Out Jack
Chipset	• Intel® SM35 Express Chipset	I/O Ports	• 1 USB • 1 Video Out (micro-HDMI, Type D) • 1 SD Card • Power Jack • Dock Connector
Input	• Touch and Pen - Capacitive multi-touch - Optional active stylus	Anti-Theft	• Computrace® Complete (optional)
Display & Video	• 10.1" Wide (LED BL, 1366x768) Dual Bonded Display with Corning® Gorilla® Glass • Intel® GMA600 @ 400MHz • HDMI 1.3a, HDCP 1.3 - Up to 1080p @ 60Hz • Screen Rotation: 0°, 90°	Dimensions	• 10.9" x 7.06" x 0.61" (276.7mm x 179.2mm x 15.4mm)
HD Audio Controller	• Realtek ALC272 High Definition Codec	Weight	• 2.1 lbs. ²
System Memory	• 1GB or 2GB 800MHz DDR2	Batteries	• Lithium-Ion battery with 43WHr capacity - Battery capacity: up to 8 hours ³ - Battery charging: 2 hours (4:1 work-to-charge ratio) ⁴
System Storage	• 30GB Solid State Drive (SSD) • SATA 2.0 - 3.0Gb/s • Optional 62GB Solid State Drive (SSD)	System Status Indicators	• Power on/off/sleep • Battery status
		Control Buttons	• Secure Attention Sequence (SAS)
		Expansion	• Optional Expansion Peripherals

Expected product availability early in the second quarter of 2011.



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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
1-866-682-2538

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¹Tested 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.

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

³Battery 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.

⁴Approximate charging time.