



# MOTION® C5

## PRODUCT SPECIFICATIONS



|                              |  |  |   |
|------------------------------|--|--|---|
| <b>Chassis</b>               | <ul style="list-style-type: none"><li>• Magnesium-alloy internal frame</li><li>• Upper faceplate composed of disinfectant-resistant resin</li><li>• Lower backplate composed of disinfectant-resistant resin overmolded with Elastomer</li></ul>   | <b>AC Adapter</b>                                | <ul style="list-style-type: none"><li>• 50W universal, 3-pin jack</li><li>• 100-240V 1.5a, 50-60Hz</li></ul>  |
| <b>Processor/Cache</b>       | <ul style="list-style-type: none"><li>• Intel® Centrino® processor technology with the Intel® Core™2 Solo Processor U2200 (1MB of L2 cache, 1.20GHz, 533MHz FSB)</li></ul>   | <b>Docking Station with Battery Charging Bay</b> | <ul style="list-style-type: none"><li>• Integrated 10/100 Ethernet LAN controller with RJ-45 connector</li><li>• 3 USB 2.0 ports</li><li>• VGA port</li><li>• Charging bay for spare standard battery</li></ul>   |
| <b>Operating System</b>      | <ul style="list-style-type: none"><li>• Windows Vista® Business</li></ul>  | <b>System Software</b>                           | <ul style="list-style-type: none"><li>• Motion Dashboard control panel</li><li>• Motion/Softex OmniPass™ Security software</li><li>• Infineon Security Platform Tools</li></ul>   |
| <b>Chipset</b>               | <ul style="list-style-type: none"><li>• Intel® 945GM Express</li></ul>   | <b>Environmental</b>                             | <ul style="list-style-type: none"><li>• Temperature<ul style="list-style-type: none"><li>- Operation: +5°C to +35°C</li><li>- Storage: -20°C to +60°C</li></ul></li><li>• Humidity<ul style="list-style-type: none"><li>- Operating humidity: 8% to 80% without condensation</li><li>- Storage humidity: 8% to 90% without condensation</li></ul></li><li>• Altitude<ul style="list-style-type: none"><li>- Operation: Sea level 0 to 10K ft.</li><li>- Storage: Sea level 0 to 40K ft.</li></ul></li><li>• Enclosure class<ul style="list-style-type: none"><li>- Rated IP54</li></ul></li></ul>   |
| <b>Display</b>               | <ul style="list-style-type: none"><li>• 10.4" XGA TFT LCD (1024 x 768)</li><li>• View Anywhere® Display option</li><li>• Intel Display Power Saving Technology (DPST)</li></ul>  | <b>Standards</b>                                 | <ul style="list-style-type: none"><li>• ACPI 2.0 compliant</li></ul>  |
| <b>Graphics</b>              | <ul style="list-style-type: none"><li>• Intel® Graphics Media Accelerator 950</li><li>• Rotation: 0°, 90°, 270°</li></ul>  | <b>Regulatory</b>                                | <ul style="list-style-type: none"><li>• AS/NZS 3548:1995 Class B</li><li>• AS/NZS 2064:1997 (ISM)</li><li>• AS/NZS 4771</li><li>• AS/NZS 4268</li><li>• AS/ACIF S042.1 (WCDMA/HSDPA)</li><li>• AS/ACIF S042.3 (WCDMA/HSDPA)</li><li>• AS/ACIF S042.1 (GSM/EDGE)</li><li>• AS/ACIF S042.3 (GSM/EDGE)</li><li>• FCC Part 15 Subpart B Class B</li><li>• FCC Part 15 Subpart C (2.4Ghz)</li><li>• FCC Part 15 Subpart E (5Ghz)</li><li>• FCC Part 18 (ISM)</li><li>• FCC Part 22 H (1xRTT/EVDO-0/EVDO-A)</li><li>• FCC Part 24 E (1xRTT/EVDO-0/EVDO-A)</li><li>• CAN/CSA ICES-003 Class B</li><li>• CAN/CSA RSS-210 Issue 5</li><li>• CAN/CSA RSS-132</li><li>• CAN/CSA RSS-133</li><li>• CAN/CSA C22.22 No. 601-1-2 (compliant with medical grade adapter)</li><li>• CENELEC EN 55022 Class B (CISPR22)</li><li>• CENELEC EN 55024 (CISPR24)</li><li>• CENELEC EN 55011 (ISM)</li><li>• CENELEC EN 61326 (ISM immunity)</li><li>• CENELEC EN 60601-1-2 (compliant with medical grade adapter)</li><li>• CENELEC EN 61000-3-2</li><li>• CENELEC EN 61000-3-3</li><li>• ETSI EN 301-893</li><li>• ETSI EN 300-328-2</li><li>• ETSI EN 301-489-1</li><li>• ETSI EN 301-489-3</li><li>• ETSI EN 301-489-7</li><li>• ETSI EN 301-489-17</li><li>• ETSI EN 301-489-24</li><li>• ETSI EN 300-330</li><li>• ETSI EN 301-511</li><li>• ETSI EN 301-489-1/-3</li><li>• R&amp;TTE (89/336/EEC) &amp; R&amp;TTE (99/5/EC)</li><li>• KB55022</li><li>• KB55024</li></ul> |
| <b>Video RAM</b>             | <ul style="list-style-type: none"><li>• Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT)</li></ul>  |  |   |
| <b>Audio Controller</b>      | <ul style="list-style-type: none"><li>• Intel® High Definition Audio</li></ul>   |  |   |
| <b>System Memory</b>         | <ul style="list-style-type: none"><li>• DDR2 533MHz SDRAM memory</li><li>• Base configuration of 1GB</li><li>• Upgradeable to maximum 2GB at point of purchase</li></ul>   |  |   |
| <b>System Storage</b>        | <ul style="list-style-type: none"><li>• 1.8" Hard Disk Drive (HDD) with 80GB capacity</li><li>• Optional Solid State Drive (SSD)</li><li>• PCI bus master enhanced IDE</li><li>• Supports Ultra ATA 66/100</li></ul>   |  |   |
| <b>Communications</b>        | <ul style="list-style-type: none"><li>• Intel® PRO/Wireless 3945a/b/g card</li><li>• Optional integrated UMTS Unlocked HSDPA Mobile Broadband, Data Speeds up to 7.2Mbps.*</li><li>• Integrated Bluetooth®</li></ul>   |  |   |
| <b>Audio</b>                 | <ul style="list-style-type: none"><li>• Motion Speak Anywhere® technology</li><li>• Multi-directional array microphone design with 2 microphones</li><li>• Integrated speaker</li></ul>  |  |   |
| <b>I/O Ports</b>             | <ul style="list-style-type: none"><li>• Docking connector</li><li>• DC power-in port with rubberized cover</li></ul>   |  |   |
| <b>Embedded I/O</b>          | <ul style="list-style-type: none"><li>• 2.0 Megapixel Camera</li><li>• Optional 1D/2D Barcode Reader</li><li>• 13.56MHz RFID reader</li><li>• 13.56MHz HF integrated passive RFID tag</li></ul>  |  |   |
| <b>Security</b>              | <ul style="list-style-type: none"><li>• Integrated Fingerprint Reader with OmniPass software</li><li>• TCG Trusted Platform Module (TPM) 1.2</li><li>• Smart Card Reader (optional)<ul style="list-style-type: none"><li>- ISO 7816 PC/SC</li><li>- EMV2 2000 Level 1</li><li>- FCC, CE, UL, and WEE compliant</li></ul></li><li>• Motion DataGuard™</li></ul> |  |   |
| <b>Dimensions</b>            | <ul style="list-style-type: none"><li>• 10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm)</li></ul>  | <b>Safety</b>                                    | <ul style="list-style-type: none"><li>• AS/NZS 3260:1997</li><li>• AS/NZS 60950-1</li><li>• FCC/ANSI C63.41</li><li>• UL, CUL, CE (IEC/EN60950-1 A11/2004)</li><li>• UL, CUL, CE (IEC/EN60601-1) (compliant with medical grade adapter)</li><li>• CAN/CSA RSS-102</li><li>• FCC OET65 Supplement C</li><li>• ETSI EN 50361</li><li>• LVD (73/23/EEC)</li><li>• EU Directive 2002/95/EC</li><li>• EU Directive 2002/96/EC</li><li>• California Proposition 65</li><li>• K60950-1</li></ul>   |
| <b>Weight</b>                | <ul style="list-style-type: none"><li>• 3.3 lbs.<sup>1</sup> (1.50 kg)</li></ul>   | <b>Warranty</b>                                  | <ul style="list-style-type: none"><li>• Standard 1-year warranty</li><li>• Multi-year options available</li></ul>   |
| <b>Battery</b>               | <ul style="list-style-type: none"><li>• Battery life approximately 3-4 hours<sup>2</sup></li><li>• Lithium-ion standard battery with 40WHr capacity</li></ul>  |  |   |
| <b>Battery Charging Time</b> | <ul style="list-style-type: none"><li>• Standard Battery - 1.5 hours (Tablet PC on/off)<sup>3</sup></li></ul>  |  |   |
| <b>System Status LEDs</b>    | <ul style="list-style-type: none"><li>• Power on/off/stand by LED ring around power button</li><li>• Battery status LED</li><li>• Wireless 802.11 LED</li><li>• Bluetooth LED</li><li>• RFID LED adjacent to RFID read trigger</li></ul>   |  |   |
| <b>Control Buttons</b>       | <ul style="list-style-type: none"><li>• One 5-way directional control button for navigation</li><li>• One function button, one Dashboard control button and two programmable buttons</li><li>• Secure Attention Sequence (SAS) button</li><li>• Camera capture button</li><li>• RFID read trigger button</li><li>• Barcode scan trigger button</li></ul>       |  |   |

<sup>1</sup>Weight represents approximate system weight measured with a 40WHr battery. Actual system weight may vary depending on component and manufacturing variability.

<sup>2</sup>Battery life is dependent on actual wireless radio usage and power settings.

<sup>3</sup>Approximate charging time. Validated charging from 5% to 90% with system on or system off.

\*Data access speed claims are dependent on network configuration, service provider and installed module; actual results may vary.

**For more information and localized websites, please visit [www.MotionComputing.com](http://www.MotionComputing.com)**