



# MOTION® F5

## PRODUCT SPECIFICATIONS



<b>Processor/Cache</b>	<ul style="list-style-type: none"><li>• Intel® Core™ 2 Duo Processor Ultra Low Voltage U7500 (2MB of L2 cache, 1.06GHz, 533MHz FSB)</li></ul>	<b>Integrated Communications</b>	<ul style="list-style-type: none"><li>• WiFi® 802.11 a/b/g/draft-n</li><li>• 802.11 a/b/g available</li><li>• Optional Integrated Mobile Broadband</li><li>• Integrated Class 2 Bluetooth® Module</li></ul>
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Microsoft® Windows Vista® Business</li><li>• Windows XP downgrade option available</li></ul>	<b>Audio</b>	<ul style="list-style-type: none"><li>• Motion Speak Anywhere® noise cancellation technology (with Windows XP only)</li><li>• Multi-directional array microphone design with 2 microphones</li><li>• Integrated speaker</li></ul>
<b>Durability</b>	<ul style="list-style-type: none"><li>• 3-foot drop test compliant to MIL-STD-810F</li><li>• IP54 rated<ul style="list-style-type: none"><li>- Water, dust and splash resistant</li></ul></li><li>• Shock-mounted display and hard drive</li><li>• Chemically strengthened glass</li><li>• Rubberized for shock dampening</li><li>• Magnesium-alloy internal frame</li><li>• Molded handle to prevent drops</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>Software</b>	<ul style="list-style-type: none"><li>• Motion Dashboard control panel</li><li>• Motion/Softex OmniPass™ Security software</li><li>• Windows Journal</li><li>• Sticky Notes</li><li>• Motion DataGuard™</li><li>• Acronis True Image</li><li>• Infineon Security Platform Tools</li><li>• Pen enabled BIOS setup</li><li>• Intel Medical Clinical Assistant</li><li>• Adobe Reader</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>Chipset</b>	<ul style="list-style-type: none"><li>• Intel® 945GME Express</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></ul></li><li>• ComputraceComplete (optional)</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>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>Graphics</b>	<ul style="list-style-type: none"><li>• Intel® Graphics Media Accelerator 950</li><li>• Rotation: 0°, 90°, 270°</li></ul>	<b>Weight</b>	<ul style="list-style-type: none"><li>• 3.3 lbs.<sup>1</sup> (1.50 kg)</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>Battery Time</b>	<ul style="list-style-type: none"><li>• Battery life approximately 3.75 hours<sup>2</sup></li><li>• Lithium-ion standard battery with 40Whr capacity</li></ul>
<b>Audio Controller</b>	<ul style="list-style-type: none"><li>• Intel® High Definition Audio</li></ul>	<b>Battery Charging</b>	<ul style="list-style-type: none"><li>• Standard Battery - 1.5 hours (Tablet PC on/off)<sup>3</sup></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 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>System Storage</b>	<ul style="list-style-type: none"><li>• 1.8" Hard Disk Drive (HDD) with 80GB capacity</li><li>• Optional SATA Solid State Drive (SSD) with 64GB capacity</li><li>• PCI bus master enhanced IDE</li><li>• Supports Ultra ATA 66/100</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>Control Buttons</b>	<ul style="list-style-type: none"><li>• One 5-way directional for navigation</li><li>• One function, one Dashboard and two programmable</li><li>• Secure Attention Sequence (SAS)</li><li>• Camera capture</li><li>• RFID read trigger</li><li>• Barcode scan trigger</li></ul>

For more information and localized websites, please visit [www.MotionComputing.com](http://www.MotionComputing.com)  
**1-866-MTABLET**



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## PRODUCT SPECIFICATIONS



### Built-in Camera

- Autofocus
- Up to 2.0 megapixel resolution
- JPG photo format with a resolution up to 1600 x 1200 pixels
- Illuminator light

### Environmental

- Temperature
  - Operation: +5°C to +35°C (+41°F to 95°F)
  - Storage: -20°C to +60°C (-4°F to 140°F)
- Humidity
  - Operating humidity: 8% to 80% without condensation
  - Storage humidity: 8% to 90% without condensation
- Altitude
  - Operation: Sea level 0 to 10K ft. sea level to 15K ft. when configured with SSD storage
  - Storage: Sea level 0 to 15K ft.
- Enclosure class

### Standards

- ACPI 3.0b compliant

### Safety

- AS/NZS 3260:1997
- AS/NZS 60950-1
- FCC/ANSI C63.41
- UL, CUL, CE (IEC/EN60950-1 A11/2004)
- CAN/CSA RSS-102
- FCC OET65 Supplement C
- ETSI EN 50392
- LVD (73/23/EEC)
- EU Directive 2002/95/EC
- EU Directive 2002/96/EC
- EU Directive 2006/66/EC and its amendments
- 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 4771
- 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 5
- CAN/CSA RSS-132 (1xRTT/EVDO-0/EVDO-A)
- CAN/CSA RSS-133 (1xRTT/EVDO-0/EVDO-A)
- 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 300-328-2
- ETSI EN 301-489-1
- ETSI EN 301-489-3
- ETSI EN 301-489-7
- ETSI EN 301-489-17
- ETSI EN 301-489-24
- ETSI EN 300-330
- ETSI EN 301-511
- ETSI EN 301-489-1/-3
- FCC 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-0/EVDO-A)
- FCC Part 24 E (1xRTT/EVDO-0/EVDO-A)
- R&TTE (89/336/EEC) & R&TTE (99/5/EC)

### Warranty

- 3-year field-ready warranty

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## 1-866-MTABLET

<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> With SSD and 2GB RAM. 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.