



MOTION® F5

PRODUCT SPECIFICATIONS



Processor/Cache	<ul style="list-style-type: none">• Intel® Core™ 2 Duo Processor Ultra Low Voltage U7500 (2MB of L2 cache, 1.06GHz, 533MHz FSB)	Integrated Communications	<ul style="list-style-type: none">• WiFi® 802.11 a/b/g/draft-n• 802.11 a/b/g available• Optional Integrated Mobile Broadband• Integrated Class 2 Bluetooth® Module
Operating System	<ul style="list-style-type: none">• Microsoft® Windows Vista® Business• Windows XP downgrade option available	Audio	<ul style="list-style-type: none">• Motion Speak Anywhere® noise cancellation technology (with Windows XP only)• Multi-directional array microphone design with 2 microphones• Integrated speaker
Durability	<ul style="list-style-type: none">• 3-foot drop test compliant to MIL-STD-810F• IP54 rated<ul style="list-style-type: none">- Water, dust and splash resistant• Shock-mounted display and hard drive• Chemically strengthened glass• Rubberized for shock dampening• Magnesium-alloy internal frame• Molded handle to prevent drops	I/O Ports	<ul style="list-style-type: none">• Docking connector• DC power-in port with rubberized cover
Software	<ul style="list-style-type: none">• Motion Dashboard control panel• Motion/Softex OmniPass™ Security software• Windows Journal• Sticky Notes• Motion DataGuard™• Acronis True Image• Infineon Security Platform Tools• Pen enabled BIOS setup• Intel Medical Clinical Assistant• Adobe Reader	Embedded I/O	<ul style="list-style-type: none">• 2.0 Megapixel Camera• Optional 1D/2D Barcode Reader• 13.56MHz RFID reader• 13.56MHz HF integrated passive RFID tag
Chipset	<ul style="list-style-type: none">• Intel® 945GME Express	Security	<ul style="list-style-type: none">• Integrated Fingerprint Reader with OmniPass software• TCG Trusted Platform Module (TPM) 1.2• Smart card reader (optional)<ul style="list-style-type: none">- ISO 7816 PC/SC- EMV2 2000 Level 1• ComputraceComplete (optional)
Display	<ul style="list-style-type: none">• 10.4" XGA TFT LCD (1024 x 768)• View Anywhere® Display Option• Intel Display Power Saving Technology (DPST)	Dimensions	<ul style="list-style-type: none">• 10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm)
Graphics	<ul style="list-style-type: none">• Intel® Graphics Media Accelerator 950• Rotation: 0°, 90°, 270°	Weight	<ul style="list-style-type: none">• 3.3 lbs.¹ (1.50 kg)
Video RAM	<ul style="list-style-type: none">• Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT)	Battery Time	<ul style="list-style-type: none">• Battery life approximately 3.75 hours²• Lithium-ion standard battery with 40Whr capacity
Audio Controller	<ul style="list-style-type: none">• Intel® High Definition Audio	Battery Charging	<ul style="list-style-type: none">• Standard Battery - 1.5 hours (Tablet PC on/off)³
System Memory	<ul style="list-style-type: none">• DDR2 533MHz SDRAM memory• Base configuration of 1GB• Upgradeable to maximum 2GB at point of purchase	System Status LEDs	<ul style="list-style-type: none">• Power on/off/stand by LED ring around power button• Battery status LED• Wireless 802.11 LED• Bluetooth LED• RFID LED adjacent to RFID read trigger
System Storage	<ul style="list-style-type: none">• 1.8" Hard Disk Drive (HDD) with 80GB capacity• Optional SATA Solid State Drive (SSD) with 64GB capacity• PCI bus master enhanced IDE• Supports Ultra ATA 66/100	AC Adapter	<ul style="list-style-type: none">• 50W universal, 3-pin jack• 100-240V 1.5a, 50-60Hz
		Control Buttons	<ul style="list-style-type: none">• One 5-way directional for navigation• One function, one Dashboard and two programmable• Secure Attention Sequence (SAS)• Camera capture• RFID read trigger• Barcode scan trigger

For more information and localized websites, please visit www.MotionComputing.com
1-866-MTABLET



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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 Weight represents approximate system weight measured with a 40Whr battery. Actual system weight may vary depending on component and manufacturing variability.

² With SSD and 2GB RAM. Battery life is dependent on actual wireless radio usage and power settings.

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