



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/n• Integrated Intel Wireless 4965 a/b/g/n• Optional Integrated Mobile Broadband• Integrated Class 2 Bluetooth® Module
Operating System	<ul style="list-style-type: none">• Genuine Windows® Vista® Business• Genuine Windows® XP Tablet PC Edition (available through downgrade rights from Windows Vista Business)	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 AFFS+ LED Backlight (1024 x 768)• Optional View Anywhere® with durable Gorilla™ glass• 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	<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



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Built-in Camera	<ul style="list-style-type: none">• Autofocus• Up to 2.0 megapixel resolution• JPG photo format with a resolution up to 1600 x 1200 pixels• Illuminator light	Regulatory	<ul style="list-style-type: none">• 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)
Environmental	<ul style="list-style-type: none">• Temperature<ul style="list-style-type: none">- Operation: +5°C to +35°C (+41°F to 95°F)- Storage: -20°C to +60°C (-4°F to 140°F)• Humidity<ul style="list-style-type: none">- Operating humidity: 8% to 80% without condensation- Storage humidity: 8% to 90% without condensation• Altitude<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">• ACPI 3.0b compliant		
Safety	<ul style="list-style-type: none">• 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)	Warranty	<ul style="list-style-type: none">• 3-year field-ready warranty

For more information and localized websites, please visit www.MotionComputing.com

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.