



# Motion F5t

## PRODUCT SPECIFICATIONS

**Processor / Cache**
- Intel® Core™ i7 vPro™ Processor 2.0 GHz 3667U with Turbo Boost to 3.2 GHz (4MB of L3 cache, 2 Cores/4 Threads) or
- Intel® Core™ i5 Processor 1.7 GHz 3317U with Turbo Boost to 2.6GHz (3MB of L3 cache, 2 Cores/4 Threads) or
- Intel® Core™ i3 Processor 1.8 GHz 3217U (3MB of L3 cache, 2 Cores/4 Threads)

**Operating System**
- Genuine Windows® 7 Professional (32-bit)
- Genuine Windows® 7 Professional (64-bit)

**Durability**
- Meets MIL-STD-810G
- IP54 rated
  - Water, dust and splash resistant
- Durable Gorilla® Glass
- Rubberized for shock dampening
- Magnesium-alloy internal frame
- Molded handle to prevent drops

**Chipset**
- Intel® QM77

**Display**
- 10.4" XGA View Anywhere® Display with Projective Capactitive Dual-Touch TFT AFFS+ LED Backlight (1024 x 768) with durable Gorilla® glass
- 10.4" XGA Standard Projective Capacitive Dual-Touch TFT AFFS+ LED Backlight (1024 x 768) with durable Gorilla® glass
- Intel Display Power Saving Technology (DPST)

**Graphics**
- Intel® HD Graphics 4000
- Rotation: 0°, 90°, 270°

**Video RAM**
- Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT)

**Audio Controller**
- Realtek High Definition Audio

**System Memory**
- DDR3L 1600MHz SDRAM memory
- Base configuration of 2GB
- Optional configuration of 4GB

**System Storage**
- mSATA Solid State Drive (SSD) with capacities of 64GB and 128GB
- AHCI

**Integrated Communications**
- Intel® Centrino® Advanced-N 6235 IEEE 802.11a/b/g/n Wi-Fi® plus Bluetooth® 4.0
- Optional Integrated Mobile Broadband (MC8355 - Gobi™ Connectivity)
- Optional GPS Module with WAAS, EGNOS and MSAS

**Audio**
- Realtek noise cancellation technology
- Multi-directional array microphone design with 2 microphones
- Integrated speaker

**I/O Ports**
- Docking connector
- USB 3.0 port with rubberized cover

**Embedded I/O**
- 3.0 Megapixel camera (rear-facing)
- 1.3 Megapixel front-facing web camera
- Optional 1D/2D Barcode Reader
- 13.56MHz HF RFID with read/write capability

**Security**
- Integrated Fingerprint Reader with OmniPass software
- TCG Trusted Platform Module (TPM) 1.2
- Smart card reader (optional)
  - ISO 7816 PC/SC
  - EMV2 2000 Level 1
- Computrace® Complete (optional)

**Dimensions**
- 10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm)

**Weight**
- 3.3 lbs.[1] (1.50 kg)


Forest IT Design

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PRODUCT SPECIFICATIONS

**Battery**
- Battery life up to 6 hours[2]
- Hot swappable Lithium Ion standard battery with 40WHr capacity

**Battery Charging Time**
- Standard Battery - 1.5 hours (Tablet PC on/off)[3]

**AC Adapter**
- 65W universal, 3-pin jack
- 100-240V 1.5A, 50-60Hz

**Software**
- Motion Dashboard control panel
- Motion/Softex OmniPass™ Security software
- Windows Journal
- Sticky Notes
- Infineon Security Platform Tools (optional)
- Pen and Touch enabled BIOS setup
- Intel Mobile Clinical Assistant
- Adobe Reader
- Mobile Broadband Connection Manager
- Adobe Flash Player

**System Status LED**
- Power on/off/stand by LED ring around power button
- Battery status LED on back
- Battery charge gauge on front
- RFID LED adjacent to RFID read trigger

**Control Buttons**
- 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

**Built-in Cameras**

**Rear-Facing Camera**
- Autofocus
- 3.0 megapixel resolution
- JPG photo format with a resolution up to 2048 x 1536 pixels
- Illuminator light

**Front-Facing Camera**
- Autofocus
- Up to 1280 x 1024 resolution
- Webcam

**Environmental**
- Temperature
  - Operation: 0°C to +40°C (32°F to 104°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 to 15K ft.
  - Storage: Sea level 0 to 15K ft.

**Warranty**
- 3-year warranty in US and Australia/New Zealand
- 1-year warranty for rest of world
- Additonal warranty options available

**Standards**
- ACPI 3.0b compliant

**Safety**
- AS/NZS 60950-1
- FCC/ANSI C63.41
- UL, CUL, CE (IEC/EN60950-1 A11/2004)
- ETSI EN 62311
- 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 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-310 Issue 2
- CAN/CSA RSS-132 (1xRTT/EVDO-0/EVDO-A)
- CAN/CSA RSS-133 (1xRTT/EVDO-0/EVDO-A)
- CENELEC EN 60601-1-2
- 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 300-440
- 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 301-908
- FCC Part 15 Subpart B Class B
- FCC Part 15 Subpart C (2.4 GHz)
- FCC Part 15 Subpart E (5 GHz)
- FCC Part 22 H (1xRTT/EVDO-0/EVDO-A)
- FCC Part 24 E (1xRTT/EVD0-0/EVDO-A)
- R&TTE (89/336/EEC) & R&TTE (99/5/EC)


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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] Battery 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.

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


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