



MOTION™ F5

PRODUCT SPECIFICATIONS



Chassis	<ul style="list-style-type: none"> • Magnesium-alloy internal frame • Upper faceplate composed of chemical-resistant resin • Lower backplate composed of chemical-resistant resin overmolded with Elastomer 	Control Buttons	<ul style="list-style-type: none"> • One 5-way directional control button for navigation • One function button, one Dashboard control button and two programmable buttons • Secure Attention Sequence (SAS) button • Camera capture button • RFID read trigger button • Barcode scan trigger button
Processor/Cache	<ul style="list-style-type: none"> • Intel® Centrino® processor technology with the Intel® Core Solo U1400 (2MB of L2 cache, 1.20GHz, 533MHz FSB) 	AC Adapter	<ul style="list-style-type: none"> • 50W universal, 3-pin jack • 100-240V 1.5a, 50-60Hz
Operating Systems	<ul style="list-style-type: none"> • Windows Vista® Business • Microsoft® Windows® XP Tablet PC Edition 	System Software	<ul style="list-style-type: none"> • Motion Dashboard control panel • Motion/Softex OmniPass™ Security software • Infineon Security Platform Tools • Toshiba Bluetooth Software
Chipset	<ul style="list-style-type: none"> • Intel 945GM 	Environmental	<ul style="list-style-type: none"> • Enclosure class - Rated IP54 • Temperature - Operation: +5°C to +35°C - Storage: -20°C to +60°C • Humidity - Operating humidity: 8% to 80% without condensation - Storage humidity: 8% to 90% without condensation • Altitude - Operation: Sea level 0 to 15K ft. - Storage: Sea level 0 to 40K ft.
Display	<ul style="list-style-type: none"> • 10.4" XGA TFT LCD (1024 x 768) • View Anywhere® Display Technology • Intel Display Power Saving Technology (DPST) 	Standards	<ul style="list-style-type: none"> • ACPI 2.0 compliant
Graphics	<ul style="list-style-type: none"> • Intel 945GM Extreme Graphics controller • Rotation: 0°, 90°, 270° 	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) • 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) • CAN/CSA ICES-003 Class B • CAN/CSA RSS-210 Issue 5 • CAN/CSA RSS-132 • CAN/CSA RSS-133 • 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 • R&TTE (89/336/EEC) & R&TTE (99/5/EC)
Video RAM	<ul style="list-style-type: none"> • Maximum 256MB total with Intel Dynamic Video Memory Technology (DVMT) 	System Memory	<ul style="list-style-type: none"> • DDR2 533MHz SDRAM memory • Base configuration of 1GB • Upgradeable to maximum 2GB at point of purchase
Audio Controller	<ul style="list-style-type: none"> • Azalia HD audio codec 	System Storage	<ul style="list-style-type: none"> • 1.8" Hard Disk Drive (HDD) with 40GB capacity • Optional 32GB Solid State Drive (SSD) • PCI bus master enhanced IDE • Supports Ultra ATA 66/100
System Memory	<ul style="list-style-type: none"> • DDR2 533MHz SDRAM memory • Base configuration of 1GB • Upgradeable to maximum 2GB at point of purchase 	Communications	<ul style="list-style-type: none"> • Integrated Intel® PRO/Wireless 3945a/b/g network connection • Integrated UMTS Unlocked HSDPA 3.6 Mbps Novatel Wireless EU870D Wireless Wide Area Network Module • Integrated Bluetooth®
System Storage	<ul style="list-style-type: none"> • 1.8" Hard Disk Drive (HDD) with 40GB capacity • Optional 32GB Solid State Drive (SSD) • PCI bus master enhanced IDE • Supports Ultra ATA 66/100 	Audio	<ul style="list-style-type: none"> • Motion Speak Anywhere® technology • Multi-directional array microphone design with 2 microphones • Knowles Acoustics IntelliSonic software • Integrated speaker
Communications	<ul style="list-style-type: none"> • Integrated Intel® PRO/Wireless 3945a/b/g network connection • Integrated UMTS Unlocked HSDPA 3.6 Mbps Novatel Wireless EU870D Wireless Wide Area Network Module • Integrated Bluetooth® 	I/O Ports	<ul style="list-style-type: none"> • Docking connector • DC power-in port with rubberized cover
Audio	<ul style="list-style-type: none"> • Motion Speak Anywhere® technology • Multi-directional array microphone design with 2 microphones • Knowles Acoustics IntelliSonic software • Integrated speaker 	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
I/O Ports	<ul style="list-style-type: none"> • Docking connector • DC power-in port with rubberized cover 	Security	<ul style="list-style-type: none"> • Integrated Fingerprint Reader with OmniPass software • TCG Trusted Platform Module (TPM) 1.2
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 	Dimensions	<ul style="list-style-type: none"> • 10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm)
Security	<ul style="list-style-type: none"> • Integrated Fingerprint Reader with OmniPass software • TCG Trusted Platform Module (TPM) 1.2 	Weight	<ul style="list-style-type: none"> • 3.3 lbs.¹ (1.50 kg)
Dimensions	<ul style="list-style-type: none"> • 10.0" x 10.0" x .95" (256mm x 256mm x 24.3mm) 	Battery	<ul style="list-style-type: none"> • Lithium-ion standard battery with 40WHr capacity
Weight	<ul style="list-style-type: none"> • 3.3 lbs.¹ (1.50 kg) 	Battery Charging Time	<ul style="list-style-type: none"> • Standard Battery - 1.5 hours (Tablet PC on/off)²
Battery	<ul style="list-style-type: none"> • Lithium-ion standard battery with 40WHr capacity 	System Status LEDs	<ul style="list-style-type: none"> • Power on/off LED ring around power button • Battery status LED • Wireless 802.11 LED • Bluetooth LED • RFID LED adjacent to RFID read trigger
Battery Charging Time	<ul style="list-style-type: none"> • Standard Battery - 1.5 hours (Tablet PC on/off)² 	Docking Station with Battery Charging Bay	<ul style="list-style-type: none"> • Integrated 10/100 Ethernet LAN controller with RJ-45 connector • 3 USB 2.0 ports • VGA port • Charging bay for spare standard battery
System Status LEDs	<ul style="list-style-type: none"> • Power on/off LED ring around power button • Battery status LED • Wireless 802.11 LED • Bluetooth LED • RFID LED adjacent to RFID read trigger 	Safety	<ul style="list-style-type: none"> • AS/NZS 3260:1997 • FCC/ANSI C63.41 • UL, CUL, CE (IEC/EN60950-1 A11/2004) • CAN/CSA RSS-102 • FCC OET65 Supplement C • ETSI EN 50361 • LVD (73/23/EEC) • EU Directive 2002/95/EC • EU Directive 2002/96/EC
Docking Station with Battery Charging Bay	<ul style="list-style-type: none"> • Integrated 10/100 Ethernet LAN controller with RJ-45 connector • 3 USB 2.0 ports • VGA port • Charging bay for spare standard battery 	Warranty	<ul style="list-style-type: none"> • Standard 3-year warranty

¹Weight represents approximate system weight measured with a 40WHr battery. Actual system weight may vary depending on component and manufacturing variability.
²Approximate charging time. Validated charging from 5% to 90% with system on or system off.

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