



# MOTION® J3400

## PRODUCT SPECIFICATIONS



<b>Processor / Cache</b>	<ul style="list-style-type: none"> <li>• Intel® Core™ 2 Duo Processor Ultra Low Voltage SU9400 (3MB of L2 cache, 1.4GHz, 800MHz FSB)</li> <li>• Intel® Core™ 2 Duo Processor Ultra Low Voltage SU9300 (3MB of L2 cache, 1.2GHz, 800MHz FSB)</li> </ul>	<b>Audio</b>	<ul style="list-style-type: none"> <li>• Motion Speak Anywhere® noise cancellation technology</li> <li>- Multi-directional array microphone design intelligently switches between two of the three microphones based on screen orientation</li> <li>• Two integrated speakers</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>I/O Ports</b>	<ul style="list-style-type: none"> <li>• Microphone-in</li> <li>• Headphone-out</li> <li>• Two USB 2.0 ports</li> <li>• Keyboard connector</li> <li>• External VGA port</li> <li>• RJ-45 connector (Gigabit LAN)</li> <li>• Docking connector</li> <li>• DC power in</li> </ul>
<b>Durability Features</b>	<ul style="list-style-type: none"> <li>• 3-foot drop test compliant to MIL-STD-810F</li> <li>• IP52 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 coated bottom housing for shock dampening</li> <li>• Magnesium-alloy internal frame</li> </ul>	<b>Expansion Card Slots</b>	<ul style="list-style-type: none"> <li>• One Smart Card slot (available)</li> <li>• One Express Card 34 slot (available)</li> </ul>
<b>System Software</b>	<ul style="list-style-type: none"> <li>• Motion Dashboard control panel</li> <li>• Motion QuickNav</li> <li>• Motion/Softex OmniPass™ Security software</li> <li>• Infineon Security Platform Tools</li> <li>• Adobe® Acrobat® Reader</li> <li>• Windows Journal</li> <li>• Sticky Notes</li> <li>• Pen enabled BIOS setup</li> </ul>	<b>Security</b>	<ul style="list-style-type: none"> <li>• Integrated AuthenTec AES2550 Fingerprint Reader</li> <li>• TCG Trusted Platform Module (TPM) 1.2</li> <li>• Universal lock slot</li> <li>• ComputraceComplete (optional)</li> <li>• Motion DataGuard™</li> </ul>
<b>Chipset</b>	<ul style="list-style-type: none"> <li>• Intel® GS45 with graphics core running at 266MHz</li> <li>• Intel® ICH9M SFF I/O Controller Hub</li> </ul>	<b>Dimensions</b>	<ul style="list-style-type: none"> <li>• 12.7" x 9.09" x 0.90" (323mm x 231mm x 23mm)</li> </ul>
<b>Displays</b>	<ul style="list-style-type: none"> <li>• 12.1" digitizer wide screen View Anywhere® (WXGA) display (optional)</li> <li>• 12.1" digitizer wide screen (WXGA) display</li> </ul>	<b>Weight</b>	<ul style="list-style-type: none"> <li>• 3.6 lbs. with one battery<sup>1</sup></li> <li>• 4.0 lbs. with two batteries<sup>2</sup></li> </ul>
<b>Graphics</b>	<ul style="list-style-type: none"> <li>• Mobile Intel® Graphics Media Accelerator 4500MD</li> <li>• Screen Rotation: 0°, 90°</li> </ul>	<b>Batteries</b>	<ul style="list-style-type: none"> <li>• Lithium-ion battery with 30Whr capacity               <ul style="list-style-type: none"> <li>- One battery capacity: ~3.5 hours</li> <li>- Two battery capacity: ~7.4 hours</li> </ul> </li> <li>• Maximum 60Whr</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 Charging</b>	<ul style="list-style-type: none"> <li>• 1.5 hours for each battery (Tablet PC on/off)<sup>3</sup></li> </ul>
<b>HD Audio Controller</b>	<ul style="list-style-type: none"> <li>• IDT 92DC71B7</li> </ul>	<b>System Status Indicators</b>	<ul style="list-style-type: none"> <li>• Power on/off/sleep</li> <li>• Battery status</li> </ul>
<b>System Memory</b>	<ul style="list-style-type: none"> <li>• Two DIMM slots; upgradeable to 4GB max total memory (2GB x 2). DDR3 memory operating at 800MHz</li> </ul>	<b>Control Buttons</b>	<ul style="list-style-type: none"> <li>• 5-way directional for navigation</li> <li>• Three multi-functional programmable</li> <li>• Camera</li> <li>• Secure Attention Sequence (SAS)</li> </ul>
<b>System Storage</b>	<ul style="list-style-type: none"> <li>• 1.8" Hard Disk Drive (HDD) with 80GB and 120GB capacities</li> <li>• Serial ATA 1.5 Gbps</li> <li>• 5400 RPM</li> <li>• Optional 64GB Solid State Drive (SSD)</li> </ul>	<b>Built-in Camera (optional)</b>	<ul style="list-style-type: none"> <li>• Autofocus</li> <li>• Up to 2 megapixel image resolution</li> <li>• JPG photo format with a resolution up to 1600 x 1200 pixels</li> <li>• Illumination light</li> </ul>
<b>Integrated Communications</b>	<ul style="list-style-type: none"> <li>• Mobile Broadband (optional)</li> <li>• Wi-Fi 802.11 a/b/g/draft-n</li> <li>• 10/100/1000 Ethernet</li> <li>• CSR BlueCore™ Bluetooth® 2.1 technology (available)</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>



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### Environmental

- Temperature
  - Operation: +5°C to +45°C (+41°F to +113°F)
  - Storage: -20°C to +60°C (-4°F to 140°)
- 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.

### Standards

- ACPI 2.0 compliant

### Safety

- UL, CUL, ULGS (EN/IEC 60950-1 A11/2004)
- EU Directive 2002/95/EC
- EU Directive 2002/96/EC
- California Proposition 65
- Compliant to the IATA Lithium Battery Regulation Update Dated 1/2008

### Warranty

- Standard 1-year field-ready warranty
- Multi-year options available

### Regulatory

- AS/NZS 3548:1995 Class B
- 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
- FCC Part 24 E
- FCC OET65 Supplement C (01-01)
- CAN/CSA ICES-003 Class B
- CAN/CSA RSS-210 Issue 5
- CAN/CSA RSS-129 Issue 2
- CAN/CSA RSS-132 Issue 2
- CAN/CSA RSS-133 Issue 3
- 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 301-489-7
- ETSI EN 301-489-17
- ETSI EN 301-489-24
- ETSI EN 301-511
- ETSI EN 301-908-1
- ETSI EN 301-908-4
- R&TTE (89/336/EEC) & R&TTE (99/5/EC)
- EN 503392:2004 / IEC 62209-1:2005



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

<sup>1</sup>Weight represents approximate system weight measured with 1 battery, one back battery insert, no Bluetooth, no smart card bay, no express card bay, no camera, no WWAN, wide screen display, WLAN, no pen. Actual system weight may vary depending on component and manufacturing variability.

<sup>2</sup>Weight represents approximate system weight measured with 2 batteries, no Bluetooth, no smart card bay, no express card bay, no camera, no WWAN, wide screen display, WLAN, no pen. Actual system weight may vary depending on component and manufacturing variability.

<sup>3</sup>Approximate charging time. Validated charging from 0% to 90% with system on or system off.