

# Wireless Mobile 1850 Mouse



## Technical Data Sheet

Version Information	
Product Name	Microsoft® Wireless Mobile Mouse 1850
Product Version	Microsoft Wireless Mobile Mouse 1850
Mouse Version	Microsoft Wireless Mobile Mouse 1850
Transceiver Version	Microsoft Nano Transceiver v1.1
Product Dimensions	
Mouse Length	3.95 inches (100 millimeters)
Mouse Width	2.29 inches (58.1 millimeters)
Mouse Depth/Height	1.51 inches (38.2 millimeters)
Mouse Weight	3.17 ounces (90 grams) includes 1 AA alkaline battery; typical battery weight may vary
Transceiver Length	0.72 inches (18.3 millimeters)
Transceiver Width	0.51 inches (13.1 millimeters)
Transceiver Depth/Height	0.17 inches (4.4 millimeters)
Transceiver Weight	0.05 ounces (1.6 grams)
Compatibility and Localization	
Interface	USB 2.0 Compatible
Operating Systems <sup>1</sup>	<ul style="list-style-type: none"> <li>• Microsoft Windows® 8.1, Windows 8, Windows RT 8.1, Windows RT 8, and Windows 7</li> <li>• Mac OS X v10.7-10.9</li> <li>• Android 3.2 and 4.2</li> </ul>
Top-line System Requirements	<ul style="list-style-type: none"> <li>• Requires a PC that meets the requirements for and has installed one of these operating systems:</li> <li>• Windows 8.1, Windows 8, or Windows 7</li> </ul>
Compatibility Logos	<ul style="list-style-type: none"> <li>• Compatible with Microsoft Windows 8 and Windows RT</li> <li>• Certified USB logo</li> </ul>
Software Localization	No software required
Tracking Technology	
Mouse Tracking System	LED optical technology
X-Y Resolution	Dynamically adaptable to 3000 frames per second
Tracking Speed	1000 points per inch (39.4 points per millimeter)
Maximum Acceleration	Up to 20 inches (508 millimeters) per second
Wireless Technology	
Wireless Frequency	2.4 GHz frequency range
Wireless Range	15 feet (5 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the mouse and receiver.
Product Feature Performance	
Mouse Button Features	3 buttons including scroll wheel button
Mobility Features	Snap-in receiver turns mouse off, conserving battery life
Mouse On/Off Switch Life	3,000 actuations
Right & Left Button Life	3,000,000 actuations at no more than 4 actuations per second
Wheel Button Life	350,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Standard vertical scrolling
Wheel Vertical Scrolling Life	<ul style="list-style-type: none"> <li>• 100,000 revolutions (away from user)</li> <li>• 300,000 revolutions (towards user)</li> </ul>
Storage Temperature & Humidity	-40 °F (-40 °C) to 140 °F (60 °C) at < 5% to 65% relative humidity (non-condensing)
Operating Temperature & Humidity	32 °F (0 °C) to 104 °F (40 °C) at <5% to 80% relative humidity (non-condensing)
Power Requirements	
Battery Type and Quantity	1 AA alkaline battery (included)
Battery Life	6 months typical
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 Qualified Manufacturer	Yes
ISO 14001 Qualified Manufacturer	Yes
Restriction on Hazardous Substances	This device complies with all applicable worldwide regulations and restrictions including, but not limited to: EU directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment and EU Registration Evaluation and Authorization of Chemicals (REACH) regulation regarding Substances of Very High Concern.
FCC/IC ID	This Class B digital apparatus complies with Part 15 of the U.S. Federal Communications Commission (FCC) rules, Canadian ICES-003, and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Tested to comply with FCC (U.S. Federal Communications Commission) Standards. For home or office use. The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met. Model numbers: 1593, Wireless Mobile Mouse 1850 and 1636, Microsoft Nano Transceiver v1.1. FCC IDs: C3K1593 and C3K1636. IC IDs 3048A-1593 and 3048A-1636.
Regulacion para México	La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.
Agency and Regulatory Marks	<ul style="list-style-type: none"> <li>• CNC Certificate (Argentina)</li> <li>• ACMA Declaration of Conformity (Australia and New Zealand)</li> <li>• DWLFM Certificate (Bahrain)</li> <li>• ANATEL Certificate (Brazil)</li> <li>• RSS-210 and IC ID, Certificate of Acceptance (Canada)</li> <li>• SUBTEL Certificate (Chile)</li> <li>• CMIIT Certificate (China)</li> <li>• EIP Pollution Control Mark, EPUP (China)</li> <li>• NTRA Certificate (Egypt)</li> <li>• R&amp;TTE Declaration of Conformity, Safety and EMC (European Union)</li> <li>• WEEE (European Union)</li> <li>• POSTEL Certificate (Indonesia)</li> <li>• MIC Certificate (Israel)</li> <li>• VCCI and Telec Certificates (Japan)</li> <li>• TRC Certificate (Jordan)</li> <li>• KZ Certificate (Kazakhstan)</li> <li>• CCK Certificate (Kenya)</li> <li>• KCC Certificate (Korea)</li> <li>• MPT Certificate (Kuwait)</li> <li>• MOT Certificate (Lebanon)</li> <li>• SIRIM Certificate (Malaysia)</li> <li>• ICTA Certificate (Mauritius)</li> <li>• COFETEL Certificate (Mexico)</li> <li>• ANRT Certificate (Morocco)</li> <li>• NCC Certificate (Nigeria)</li> <li>• TRA Certificate (Oman)</li> <li>• PTA Certificate (Pakistan)</li> <li>• MTC Certificate (Peru)</li> <li>• ICT Certificate (Qatar)</li> <li>• GOST and FAC Certificates (Russia)</li> <li>• CITC Letter (Kingdom of Saudi Arabia)</li> <li>• RATEL Certificate (Serbia)</li> <li>• IDA Certificate (Singapore)</li> <li>• ICASA Certificate (South Africa)</li> <li>• BSMI and NCC Certificates (Taiwan)</li> <li>• NTC SDoC Certificate (Thailand)</li> <li>• CERT Certificate (Tunisia)</li> <li>• UkrSEPRO Certificate (Ukraine)</li> <li>• TRA Certificate (United Arab Emirates)</li> <li>• URSEC Certificate (Uruguay)</li> <li>• FCC ID, Grant of Equipment Authorization (USA)</li> <li>• CONATEL Certificate (Venezuela)</li> <li>• CB Scheme Certificate (International)</li> </ul>
Windows Certification Kit (WCK)	ID: PENDING Microsoft Windows 8 and PENDING Microsoft Windows RT

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