

Microsoft®
**Wireless Notebook
Optical Mouse**



Version Information	
Product Name	Microsoft® Wireless Notebook Optical Mouse
Product Version	Microsoft Wireless Notebook Optical Mouse 1.0a
Mouse Version	Microsoft Wireless Notebook Optical Mouse 1.0a
Receiver Version	Microsoft Wireless Notebook Optical Receiver 1.0a
Product Dimensions	
Mouse Length	3.89 inches (98.7 millimeters)
Mouse Width	2.28 inches (57.8 millimeters)
Mouse Depth/Height	1.48 inches (37.6 millimeters)
Mouse Weight	3.17 ounces (89.8 grams) includes 1 AA alkaline battery; typical weight of battery may vary
Receiver Length	2.18 inches (55.4 millimeters)
Receiver Width	1.81 inches (46.1 millimeters)
Receiver Depth/Height	0.45 inches (11.5 millimeters)
Receiver Weight	0.56 ounces (15.9 grams)
Compatibility and Localization	
Interface	USB Compatible
Operating Systems	<ul style="list-style-type: none"> • Microsoft Windows® XP, Windows 2000 Professional, Windows Millennium Edition, and Windows 98 • Macintosh Mac OS X versions 10.1-10.3.x (excludes Mac OS X version 10.0)
Top-line System Requirements	For a Microsoft Windows-based PC: <ul style="list-style-type: none"> • Microsoft Windows XP, Windows 2000 Professional, Windows Millennium Edition, or Windows 98 • USB port For a Macintosh PC: <ul style="list-style-type: none"> • Macintosh Mac OS X versions 10.1-10.3.x (excludes Mac OS X version 10.0) • USB port
Compatibility Logos	<ul style="list-style-type: none"> • Designed for Microsoft Windows XP • Mac logo • Certified USB logo
Software Version	No software required
Product Feature Performance	
Mouse Button Features	3 buttons including scroll wheel button
Mobility Features	Snap-in receiver turns mouse off, conserving battery life
Right & Left Button Life	1,000,000 actuations
Wheel Button Life	150,000 actuations
Mouse Scrolling Features	Standard vertical scroll wheel
Wheel Vertical Scrolling Life	<ul style="list-style-type: none"> • 85,000 revolutions (away from user) at no more than 60 rotations per minute • 100,000 revolutions (toward user) at no more than 60 rotations per minute
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)
Tracking Technology	
Mouse Tracking System	Microsoft-proprietary optical technology
Imaging Rate	Dynamically adaptable to 6000 frames per second
X-Y Resolution	400 points per inch (15.75 points per millimeter)
Tracking Speed	Up to 20 inches (508 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	27.145 MHz channel 1
Wireless IDs	Over 65,000 random identification codes
Wireless Range	2 feet (0.61 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the mouse and receiver.
Power Requirements	
Battery Type and Quantity	1 AA alkaline battery (included)
Battery Life	3 months typical

Certification Information

Country of Manufacture	People's Republic of China (PRC)
ISO 9002 Qualified Manufacturer	Yes
FCC ID	This device complies with part 15 of the FCC Rules and Industry Canada RSS-210. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Tested to comply with FCC standards. For home and office use. Model numbers: 1023, Wireless Notebook Optical Mouse 1.0 and 1024, Wireless Notebook Optical Receiver 1.0. FCC ID C3K1023.
Agency and Regulatory Approvals	<ul style="list-style-type: none"> • FCC Declaration of Conformity (USA) • UL and cUL Listed Accessory (USA and Canada) • RSS-210 and ICES-003 data on file (Canada) • TUV-GS Certificate (Germany) • R&TTE Declaration of Conformity, Safety and EMC (European Union) • GOST Certificate (Russia) • VCCI Certificate (Japan) • CMII Certificate (China) • ACA/MED Declaration of Conformity (Australia and New Zealand) • BSMI and DGT Certificates (Taiwan) • MIC Certificate (Korea) • NOM Certificates (Mexico) • SQAS Certificate (Malaysia) • CB Scheme Certificate (International) • WHQL (International) ID: 867317

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