

Microsoft® Wireless Notebook Optical Mouse 3000

Snap-in Receiver | 6+ Months Battery Life | Optical Technology



Technical Data Sheet

Version Information	
Product Name	Microsoft® Wireless Notebook Optical Mouse 3000
Product Version	Microsoft Wireless Notebook Optical Mouse 3000 v1.0
Mouse Version	Microsoft Wireless Notebook Optical Mouse v1.0
Receiver Version	Microsoft Wireless Notebook Optical Receiver v1.0
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® Vista™, Windows XP/Windows 2000/ME/98 Macintosh Mac OS X versions 10.2-10.4 (excludes Mac OS X version 10.0-10.1)
Top-line System Requirements	<p>For a Microsoft Windows-based PC:</p> <ul style="list-style-type: none"> Requires a PC that meets the requirements for and has installed one of these operating systems: Microsoft Windows Vista, Windows XP/Windows 2000/ME/98 USB port <p>For a Macintosh PC:</p> <ul style="list-style-type: none"> Macintosh Mac OS X versions 10.2-10.4 (excludes Mac OS X version 10.0-10.1) USB port
Compatibility Logos	<ul style="list-style-type: none"> Certified for Microsoft Windows Vista 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	1000 points per inch (39.38 points per millimeter)
Tracking Speed	Up to 20 inches (508 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	27.045 MHz channel 0, 27.145 MHz channel 1
Wireless IDs	Over 65,000 random identification codes
Wireless Range	2.5 feet (0.762 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	6 months typical

Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 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
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)
Windows Hardware Quality Labs (WHQL)	ID: 1222524 Microsoft Windows 2000, Windows XP (x86, x64), Windows Server 2003 (x86, x64), and Windows Vista

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