

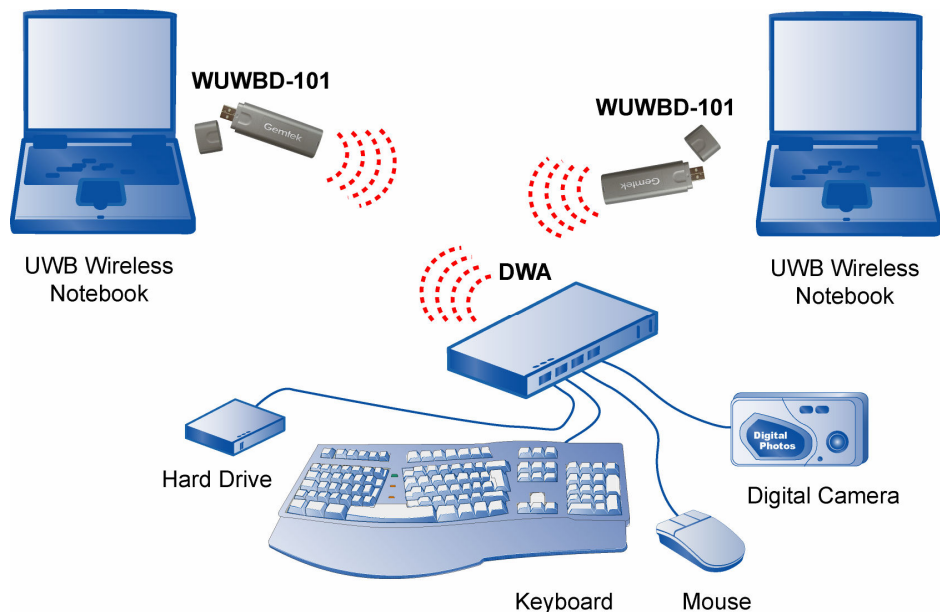


UWB/Wireless USB Dongle WUWBD-101 WiMedia-based Ultra Wideband Product

- Platform based on WiMedia UWB and Certified Wireless USB
- Supports up to 480Mbps rate
- Simultaneous supports of multiple protocols for host
- Fully-integrated USB 2.0 interface
- Compact dongle size
- Supports Both Point-to-point and Point-to-multipoint mode
- Plug-and-Play Operation Provides Easy Setup and Use

UWB/Wireless USB Dongle WUWBD-101 is designed with Intel solution & based on the Ultra-Wideband technology. It offers great opportunities for short-range wireless multimedia networking. It provides wireless access to networked resources with up to 480 Mbps data rates. Gemtek UWB solutions have been architected and optimized for the wireless personal-area networks delivering high-speed (480 Mbps and beyond), low-power multimedia capabilities for the PC, CE mobile and automotive market segments. Emphasizing on coexistence with other wireless services, its features like high transmission data rates and reliable performance are ideal for streaming multimedia applications.

Gemtek's HWA Dongle, based on Certified Wireless USB, is a cost-effective, highly-integrated design that provides Wireless UWB high-speed services to existing wired USB devices. It can connect to DWA Hub which can be used for mobile and portable systems to communicate wirelessly with standard USB peripherals including printers, scanners, hard disk drives, keyboards and mice, enabling high-speed wireless personal area connectivity in the digital home and digital office. Gemtek's Dongle WUWBD-101 can also talk to another similar dongle simultaneously to communicate over WiNET IP Protocol to provide peer to peer connectivity between two PCs, or PC and Set-top-Box, or PC and Digital TV, etc.



General Specifications

Product Name UWB USB 2.0 Dongle	Speed 53.3~480Mbps
Model Number WUWBD-101	Security Hardware AES encryption
Modulation Multi-band OFDM	Operation Voltage 5VDC over USB cable
Frequency 3.1~4.8 GHz	Operation System Windows XP and Linux
Standards WiMedia 1.0 Certified Wireless USB v1.0 USB v2.0(High Speed)	Dimensions Size of the dongle: 94mm x 28mm x 11mm