



Intelligent Stick® 2.0

Introduction

The Intelligent Stick® 2.0 is PQI's newest USB flash drive. It's small, slim and fast, geared to be the new generation's small form factor flash card.

Although the Intelligent Stick® 2.0 is fully compatible with USB host devices that have an A-type USB port. The front interface contains 10 pins. The front 4 pins comply with USB data transfer protocol. The other 6 pins are reserved for other add-on features.

Intelligent Stick® 2.0 has a built-in MCU that allows data to be transferred between the host and the Intelligent Stick. Its data transfer rate is fully comparable to USB 2.0 of up to 480 Mbits/sec.

You know the convenience of a USB flash drive; the power of a small sized flash card. We now integrate both devices into a single unit, and take "portability" to the next level.

Our mission is to provide innovative and high quality removable flash storage for the most popular consumer electronic devices.

Features

- Small form factor flash media - smaller than Memory Stick
- Compatible with USB 1.1 and 2.0

- Sustained data read speed up to 8 MB/sec*
- Supports suspend and resume modes
- No external power needed
- Single +5V DC Supply
- Low power consumption
- LED indicator for file access
- With high performance processor and built-in PLL
- With internal ECC function for data reliability
- Support Plug & Play and hot Swap
- OS supported: Windows 98/98SE, ME, 2000, XP; Linux OS Kernel 2.4.0 and above; Mac OS 9.X and 10.X
- Supports Mass Storage: driver free for Windows ME, 2000 and XP; Mac OS 9.X and 10.X

* It varies by the configuration of your software and hardware.

Applications

- Desktop and notebook PCs, Tablet PCs and PDAs
- MP3 and audio video players
- Industrial control systems
- Mobile computer systems
- Embedded Systems

Specifications

Interface	SUSB
USB Compatibility	USB1.1/ 2.0 compatible
Read speed	up to 8MB/sec*
Write speed	7MB/sec*
Burst data transfer rate	up to 60MB/sec*
Density	32MB/64MB/128MB/256MB/512MB/1GB

LED Indicator	Blink: Read/ Write
DC voltage	+5.0 volt
Dimensions	Head: 12.00 x 12.30 x 2.07 mm Body: 31.00 x 18.00 x 2.80 mm
Weight	2.8g
Storage Temperature	-25 ~ 75°C
Operating Temperature	0 ~ 65°C
Storage Humidity	RH 95%, non-condensing
Operating Humidity	RH 80% max, non-condensing

* It varies by the design of your software and hardware.

Ordering Information

Part Number	Description
BD01-XXXX-01XX	Intelligent Stick 2.0, Samsung flash
BD05-XXXX-01XX	Intelligent Stick 2.0, Hynix flash

Contact Information

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The appearance and the specifications of the product are subject to change without notice.