Aardvark I2C/SPI Host Adapter Market Comparison

The Aardvark I2C/SPI Host Adapter is a very powerful tool with a rich array of features. Here is how the Aardvark adapter compares to other I2C tools on the market.

Selected Feature Comparison

	AARDVARK I²C/SPI EMBEDDED SYSTEMS INTERFACE	Telos Connii MM *	Telos Tracii 400 *	MCC iPort/AFM *	MCC iPort/USB *
USB	✔	✔	✔	RS-232	✔
Bus Powered	✔	✔	no	no	no
I2C Master	✔ **800 kHz** 2	400 kHz	400+ kHz	400 kHz 1	400 kHz 1
I2C Slave	✔ **800 kHz** 2	no	✔	✔	✔
I2C Extended Features 3	✔	✔	✔	some	some
I2C Monitor	✔ 4	✔	+ $565	no	no
SPI	✔	no	no	no	no
GPIO	✔ **I2C and SPI lines**	no	no	✔ I2C lines	no
Windows Support	✔	✔	✔	✔	✔
Linux Support	✔	no	✔	RS-232 (no API)	no
Mac OS X Support	✔	no	no	no	no
Software GUI	✔	✔	✔	✔	✔
Development API / DLL	✔	✔	+ $299	+ $225	+ $225
LabVIEW Driver	✔	✔	+ $370	+ $750	+ $750

(*) All competing products were researched from the websites and specification notes of their respective companies. Features and prices may have changed since this comparison was made. Please refer to the respective product websites and datasheets before making a final decision.

1 Bitrate is quoted at 400 kHz, but maximum average bitrate is limited to 115.2 kbps by the published specifications.

2 Actual system bus speed may vary as a function of capacitance.

3 I2C extended features include repeated start, multi-master, 10-bit addressing, combined format, and general call addressing. Telos Conii includes repeated start and 10-bit addressing. MCC iPort/AFM includes repeated start, multi-master, and general call addressing.

*4 Limited monitoring up to 125kHz. For more extensive monitoring, please see the **Beagle I2C/SPI Protocol Analyzer**.*