

#AS-226 Intel Core Duo (x86 Processor) Compatibility

This application note provides compatibility details for current release BIOPAC software and Apple iMac or MacBook Pro computers using Intel Core Duo (x86 processors) hardware.



Terminology

Rosetta

Rosetta is an environment that allows PowerPC-based applications to run on Macintosh computers with Intel chips. It's a transition technology that's similar to how Classic allowed Mac OS X machines to run older Mac OS 9 software. Similar to Classic, applications that use hardware and drivers (like BIOPAC products) may have compatibility problems.

- For reference: <http://www.apple.com/rosetta/>

Universal Binary

A universal binary can run on both PowerPC-based Mac computers and Intel-based Mac computers directly. No emulation with Rosetta is required for Mac on Intel computers. No BIOPAC shipping applications are universal binaries.

- For reference: <http://www.apple.com/universal/>

Current Release Compatibility



AcqKnowledge

AcqKnowledge 3.9.1 and 3.9.2 are Universal applications that fully support both PowerPC and Intel-based Macs.

- MP150 and MP100 are fully compatible with Mac on Intel computers.

AcqKnowledge 3.9.0 Users

NOTE Mac on Intel computers run on 10.4, and *AcqKnowledge* 3.9.0 was only tested to 10.3.

- Runs in Rosetta.
- Analysis only mode appears to be fully compatible with Mac on Intel computers.
- MP150 appears fully compatible with Mac on Intel computers.
- MP100 may be compatible, but is not yet tested extensively. High sampling rate acquisitions may not function properly. Driver update required for the USB1M- contact BIOPAC Support at support@biopac.com to request the download.

MP150Tools Firmware Upgrade

- MP150Tools is not compatible with Mac on Intel computers. Use *AcqKnowledge* to update MP150 unit firmware; the firmware update will occur automatically when *AcqKnowledge* connects to an MP150 with out-of-date firmware.

Biopac Student Lab & BSL PRO 3.7.1

- Runs in Rosetta.
- MP35 is fully compatible with Mac on Intel computers running BSL lessons or *PRO* 3.7.1.1 or higher.
- MP30 may be compatible, but is not yet tested extensively. High sampling rate acquisitions may not function properly. Driver update required for the USB1M- contact BIOPAC Support at support@biopac.com to request the download.



Biopac Science Lab (Discontinued for Mac OS in 2012)

- Runs in Rosetta.
- Appears fully compatible with Mac on Intel computers.
- No driver updates required for on-board or USB-based audio adapters.

