New Technical Notes

Macintosh

®

HW 510 - Floppy Disk Interface Q&As
Hardware

Revised by:	Developer Support Center	October 1992
Written by:	Developer Support Center	October 1990

This Technical Note contains a collection of Q&As relating to a specific topic—questions you've sent the Developer Support Center (DSC) along with answers from the DSC engineers. While DSC engineers have checked the Q&A content for accuracy, the Q&A Technical Notes don't have the editing and organization of other Technical Notes. The Q&A function is to get new technical information and updates to you quickly, saving the polish for when the information migrates into reference manuals.

Q&As are now included with Technical Notes to make access to technical updates easier for you. If you have comments or suggestions about Q&A content or distribution, please let us know by sending an AppleLink to DEVFEEDBACK. Apple Partners may send technical questions about Q&A content to DEVSUPPORT for resolution.

New Q&As in this Technical Note:
Hard disk drive power specifications

Hard disk drive power specifications
Date Written: 2/16/93
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Can you give us your suppliers' internal hard disk drive power specifications?
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The power budget allocated for each slot or drive bay is *all* that you can depend on.

Apple changes drive vendors all the time! Vendors have the freedom to change their own power draw specs (within the limit of the bay spec, which Apple provides) at any time. If you're trying to find some "extra" power that Apple's stashed away and isn't telling you about, it just isn't there. There's no way for you to know whether a user has changed drives or what other expansion cards in the system are drawing power. The system will work only if *all* suppliers stay with in the allocated budget.

You're doing yourself and your customers no favors if you attempt to run at the ragged edge. If you can't fit your design in the allocated budget, you need a more power-efficient design. Remember that Macintosh users don't all leave their machines empty in a perfectly air-conditioned office. You need to anticipate machines with all slots full running at the edge of the spec in very hot environments. Will your drive stand up to that? Will the Macintosh smoke? Will your customer be happy?