

EmbedDisk Flash Modules



Using SD and Compact Flash is good from a price standpoint as they components leverage the commodity marketplace. However the marketplace for these commodity Flash Cards is constantly changing. Flash densities, access times, and even access formats are always changing. To address this concern the EmbedDisk module was created. These modules are designed for the embedded market with industrial operating temperature range (-40 to +85C) and have a long product lifetimes to meet embedded product needs.

The EmbedDisk uses the conventional IDE drive interface and comes in a 44 pin variety and can be used on any SBC with a standard IDE interface. Some SBCs that do not feature a Compact Flash or SD socket are designed to use EmbedDisk.

Compatible with 44 pin IDE interface

No seek error & no noise

High performance

Low power consumption

Full boot capability

No latency delay

Hot Swappable

Cost effective solution

Shock resistant & anti-vibration

Compatible with all of EMAC boards providing a standard IDE interface

Compatible with all Embedded Operating Systems such as EMAC Linux/Real Time Linux, DOS, WinCE, and XP Embedded.

Industrial Temperature Range (-40 ° C to 85 ° C)

Note: because the EmbedDisk drives mount directly onto the IDE connector on most boards, copying files and duplicating software from one drive to another is very difficult. The PER-ADP-00017 is an IDE adapter designed to allow connecting an EmbedDisk in series with another IDE drive, to a USB to IDE adapter, as well as being able to change a 44 Pin EmbedDisk to a 44 pin IDE cable using device. This will allow the user to copy files, backup, or duplicate the contents from an EmbedDisk device to another drive or computer.

