

The Arraid AEM-8 is the world's only 100% solid-state replacement for obsolete HP-IB and Bering Technology disc and tape drive emulators.



The Arraid AEM-8 is Versatile

The AEM-8 can be modified via the front control panel, to emulate the specific model of **HP-IB** storage device that needs to be replaced.

The Arraid AEM-8 is Made in America

We design and build our products in **Phoenix AZ**. Each AEM-8 device is custom-built by hand, by American workers.

The Arraid AEM-8 is Proven Technology

The AEM-8, designed over a decade ago, can add significant life to critical HP host systems. The AEM-8 has been thoroughly tested as a **Plug & Play replacement** for legacy HP-IB disc or tape drives, and the emulator products previously manufactured by Bering Technology.

The Arraid AEM-8 is Easy to Install, Operate, and Maintain

The AEM-8 **uses the exact same cables** and terminators (if applicable) as the device being replaced. There are **no software changes** required. The host computer thinks it is talking to the HP-IB peripheral that was replaced. The AEM-8 can also be used in a daisy chain with obsolete HP or Bering devices. Because the AEM-8 is fully solid-state, there is near **zero maintenance**, and these devices have an extremely **high MTBF**. The operational or support training, is minimal.

The Arraid AEM-8 can Emulate the Following HP-IB Devices:

C2200, C2203

**7907, 7908, 7911, 7912, 7914, 7933, 7935, 7936, 7937,
7941, 7942, 7945, 7946, 7957A, 7957B, 7958A, 7958B,
7959B, 7963B**

9144A, 9145A

NOTE: The emulation options listed above in **RED**, are directly programable from the front control panel of the AEM-8. These emulation options are **built into the AEM-8 software**. Additional HP-IB disc and tape drives may also be emulated by the AEM-8, if they are similar to the preprogrammed emulation options.

The Arraid AEM-8 can Replace Bering Technology Devices:

The AEM-8 should be able to replace any HP-IB emulator made by Bering Technology. Please contact us with your specific requirements. We also have the ability to extend the life of existing Bering disc and tape drive emulators, by adding new solid-state internal peripherals.

The Arraid AEM-8 has the Following Features:

The AEM-8 is a field-tested disc drive and tape drive emulator, with a solid track record of reliable performance. The AEM-8 is the last and only available option, when you need to keep a critical early-model HP computer platform running with reliability.

The AEM-8 has no moving parts except for the cooling fans, and the emulation code has been performing reliably in critical applications for many years. This is proven technology.

The AEM-8 features:

- Direct Plug & Play Replacement
- No Software Changes
- Solid-State Hardware
- Multiple Emulation Options (reprogrammable)
- Hard Drive and Magneto Optical (MO) Emulations
- Tape Drive Emulations
- 19" Rack Mount
- Compact Flash (CF) Media (MLC & SLC)
- Self-Test on Start-Up and Diagnostic Port

The Arraid AEM-8 has the Following Options:

Each AEM-8 is a custom made-to-order device. There are multiple variations available. Possible options include:

- Disc Drive or Tape Drive Emulation
- Copy/Backup for Save & Restore, to a Secondary Internal Drive
- Backup Secondary Drive Can Have Removable Media
- Multi-Volume Sectoring of up to 10 Partitions
- CF Card Access Can Be Open or Closed (for added security)

The Arraid AEM-8 is Available in Four Base Models:

The AEM-8 is available in four models, which can be further customized to meet the end-user's specific requirements. The four AEM-8 models are:

- **AEM-8** This device has a solid-state **hard drive emulator** as the primary drive, with a 1GB SLC industrial-class CF card. The secondary drive is a solid-state **MO drive emulator**, also with a 1GB SLC CF card. The hard drive CF slot can be open or enclosed, for added safety. This device includes multi-volume support and copy/backup support.
- **AEM-8/NB** This device has a solid-state **hard drive emulator** as the primary drive, with a 1GB SLC industrial-class CF card. The hard drive CF slot can be open or enclosed, for added safety. This device includes multi-volume support.
- **AEM-8/HDD** This device has **dual** solid-state **hard drive emulators**, each with a 1GB SLC industrial-class CF card. Either hard drive CF slot can be open or enclosed, for added safety. This device includes multi-volume support and copy/backup support.
- **AEM-8/RMC** This AEM-8 base model is a tape drive emulator, with a solid-state **MO drive emulator** as the internal drive, with a 1GB SLC industrial-class CF card.