

Why a Kestrel is Better than an HP1000 A990 (or 21MX-F)

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Flexibility

An A990 is just an A990, but a Kestrel can be any HP1000 computer just by rebooting. You may have a 21MX running RTE-6, but if you replace it with a Kestrel you can choose between running RTE-6 and RTE-A simply by rebooting. RTE-A is a better development environment.

Virtualizing disks on the Kestrel offers advantages in system testing and recover. Tests one would hesitate to run on HP1000 hardware for fear of corrupting data are easily accommodated on a Kestrel. The system can be quickly copied and the risky tests run on the copied system. If problems are encountered, the original system can be immediately restored.

Unlimited Devices

Do you have a network card for your A990? As many D-Muxes as you want? As much storage as you need? A fast tape drive for backups? A printer? With a Kestrel you will. All of these virtual devices are provided with a Kestrel at no extra charge.

Remote Access

Want a terminal & printer at your desk so you don't have to work in a cold, noisy computer room? That capability comes with every Kestrel.

Remote Control

Using tools like Windows Remote Desktop, it is possible to control a Kestrel system remotely. The emulated HP1000 can be booted, shutdown, and reconfigured remotely. The Kestrel fits right into the lights-out computing environment.

Enhanced Connectivity

How about Ethernet access to an RTE-6 system? A Kestrel can provide that magic as well. No more sneaker-net access. When we talk about drag and drop we mean files, not tapes or floppies.

- A Kestrel empowered RTE system can copy files to **any** URL that the host computer can access.
- It can print to **any** network printer that the host computer can access.
- It can print directly to PDF files at **any** URL that the host computer can access.

Improved Backups

A Kestrel does a system backup by dragging & dropping the container files, and it is done in just moments. Want completely automated backups to offsite storage? Easily done. That cloud stuff you read about? Yep, we can talk to clouds too.

Superior Storage

An RTE system running on a Kestrel has an essentially unlimited number of discs available. Need a terabyte or two of storage? No problem on a Kestrel. Want to put your RTE backups on a flash drive? Of course! Put them on a Blue-Ray disc if you wish, that works too.

Speed

Need speed? Here is one data point: Compiling Macro_Lib.mac, a part of the Macro/1000 compiler, on an A990 with a fast SCSI disc takes 25 minutes. A medium speed Kestrel took 10 minutes for the same task.

Better User Access

An A990 may have a couple of HP terminals available for the system manager and a few available for other users. With a Kestrel, the system manager can open as many virtual terminals as needed to do effective work. Ever wished you could cut-and-paste from RTE to your desktop computer? A Kestrel knows that trick as well.

To add another terminal for a user somewhere other than immediately next to the A990 computer requires that an RS-232 cable be run to the remote location. With a Kestrel you can bring up a Reflection virtual terminal on *any* PC that has network access to the Kestrel host. With OpenVPN or other secure access methods, that could be anywhere in the world! No more midnight trips to the computer room, you can have a terminal connected to the Kestrel from your home if you wish. Or from the hotel room when you attend a conference.

Legacy Compatibility

Do you have some super whizz bang custom designed interface in your computer that you worry might not work with a Kestrel? It is a reasonable concern, but we really doubt that your device will fail, because *every* customer designed interface we have encountered so far has worked in our Kestrel.

So Upgrade!

So keep the HP1000 software that you depend on, but upgrade the hardware that is going to let you down. The Kestrel is a faster, more capable, more reliable HP1000. Contact Migration Specialties today for a quote on replacing your legacy HP1000 with a modern Kestrel solution.

E-mail: hp@migrationspecialties.com

Phone: 719-784-9196

Virtual HP1000 Page: <http://www.migrationspecialties.com/Emulator-HP1000.html>