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Processor Validation 1

Processor Validation

p { margin-bottom: 0.1in; direction: ltr; color: rgb(0, 0, 0); line-height: 120%; }p.western { font-family: “Times New Roman”,serif; font-size: 12pt; }p.cjk { font-family: “Times New Roman”,serif; font-size: 12pt; }p.ctl { font-family: “Times New Roman”,serif; font-size: 12pt; }a:visited { color: rgb(128, 0, 128); }a.western:visited { }a.cjk:visited { }a.ctl:visited { }a:link { color: rgb(0, 0, 255); }

100% of its capacity, 100% of the time. That means all threads in all cores working at 100% (or very near to 100%) all the time.

These types of programs are generically referred to as “CPU Stress Testers” and there are various free ones available on the internet.

There is no generally agreed duration for this test. I ran it for an hour.

Make sure you carefully observe the temperature of your processor during this test, especially if you have built a quiet system as temperatures in these servers tend to run a little higher due to the much slower fan speeds.

Fester uses the free version of a program called “Breakin” by Advanced Clustering run from a bootable USB stick. If you want to use it then download it from their website.

It comes as an ISO file (but can also be obtained as a PXE image if you want to do this stuff across a network).

The first thing we need to do is make the bootable USB stick.