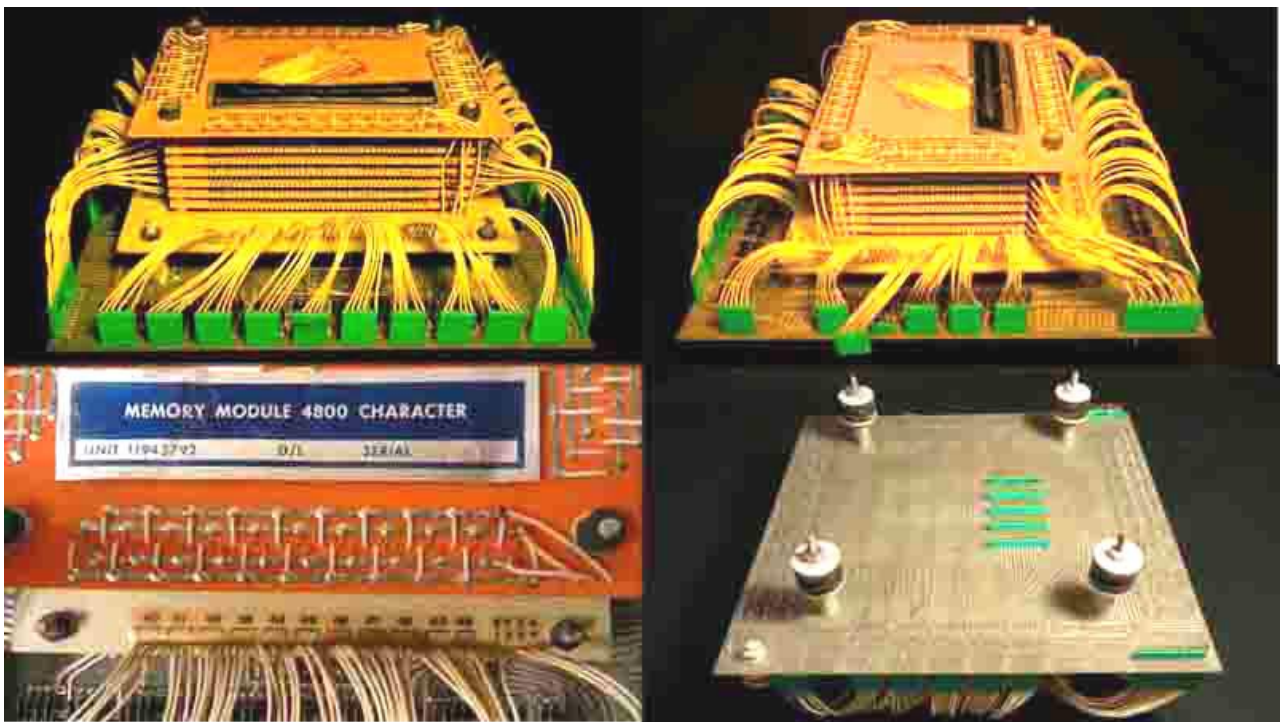


Would you please help me find out more about the history of a piece of vintage computer hardware I own? It's a magnetic core assembly from a Burroughs computer. In particular, I would like to identify the particular Burroughs mainframe that it was used in and the years in which it was used.

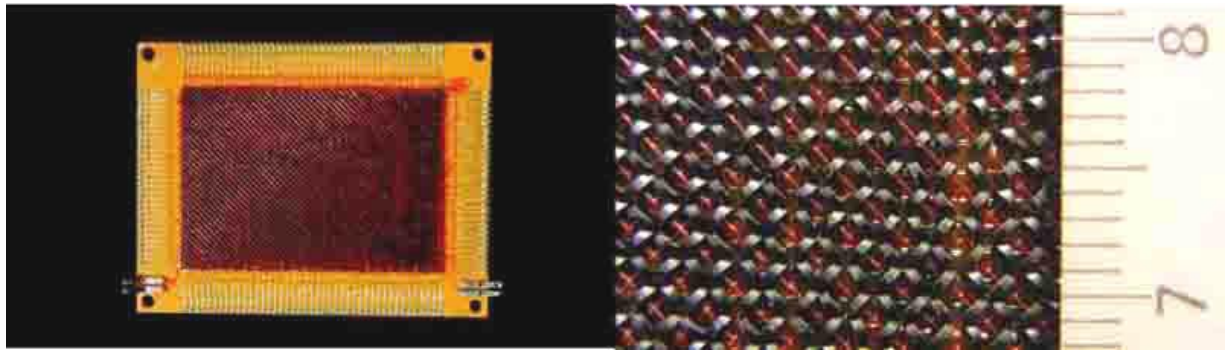
I purchased it from C & H Surplus in Pasadena, California in 1969. Markings identify it as coming from the Burroughs Corporation at 460 Sierra Madre Villa in Pasadena, California. The Electrodata Division of Burroughs was at this address until it was closed sometime in this time frame. Most likely, Burroughs sold out unused parts to C & H Surplus at that time.

The magnetic core assembly came in a custom plywood box and was never used. So it probably was a backup unit. It is about 10" x 10" x 5".



There are 7 memory planes per assembly. Each memory plane is an array of 60 by 80 cores. The nameplate identifies the assembly as having a storage capacity of 4800 characters. So in this era a character must have required 7 bits of storage.

A wiring board on top hides the memory planes. The unit I have is intact, but I also have a separate memory plane from a similar unit. It is 4 1/2" x 5 3/4".



The scale at the right is in centimeters. Each core is about 1 millimeter in diameter. Three wires pass through each core - x wire, y wire, and a sense wire.

Thanks for any help you might be able to give me.

Larry Hall