

## SLCC Zoom and In-Person Meeting 10-1-2024

Hosted by Kevin

In Attendance at The San Leandro Library, Kevin and Robbie

In Attendance For The Zoom Meeting, Kevin, Robbie, Don, Bob, Ron, Michael S., Scott

- Kevin asked Don about Hurricane Helene, and Don said it wasn't much, just a garbage can knocked over and light rain.
- We talked about cleaning card edges and Kevin suggested a fiberglass pencil and Michael suggested DeOxit, especially on the connection on the computer. Kevin uses a slightly abrasive paper on an Atari BASIC cartridge with DeOxit and pushes it in and out a few times.
- Michael saw an interesting video on YouTube on fake Cache RAM, and said it must be hard to program the BIOS to report fake RAM. Kevin had chips with the label sanded off and replaced. Scott in 1995 wrote a tool for Cache and how much you had, and it could figure out if it was cached or not.
- Kevin was reading a thread about an Atari 1450 by Lenore Underwood (Carrie's sister). Michael saw the same thread and sent her pre-flashed chips to test a keyboard. She's getting help on PAL chips. He has some chips that are for Atari 1450 XLs. Michael brought up a picture of a 1450 XL motherboard with a FREDDIE chip and was asked, "why was it called FREDDIE?" Kevin thought it was a 1400 board not a 1400XL.
- Scott showed a TTL manual he created.
- Lenore is building a 1450 XLD motherboard from scratch.
- Bob said you can make a 1400 board with 4 layers, and, "why is she making this?" Kevin answered, "it's a challenge, then you take the board and make cool modifications, like try and make it fit into a 1200 case". Kevin said someone made an Atari 1400XLD that had parallel floppy drives since they are faster than serial drives like 810 or 1050 drives. Bob said the speed depends on how it formats. He said Serial IO to SD is fast, and SIO to IDE would be close to 5 tracks/second, and 8 seconds to read a whole disk. Kevin still likes having floppy disks, probably has thousands of them, but also has SD cards.
- Michael says hardly anybody besides Bob uses these Atari computers for work anymore! Kevin has more fun using disks instead of XCEL on a PC. It was mentioned it is safe from hackers!

- Michael lost a Black Box when his cat peed on it...It was a Black Box from Bob Puff-you could hook up a hard drive, a printer with a Centronics connection, a floppy drive card. Bob said it had a parallel board for 4 floppy drives-or all different drives. Bob said the Box was big! Michael traded 8 Trans Keys for a Black Box with a hard drive. He had the lid off and his cats must have thought it was a litter box!
- Bob's power was turned off because of fire danger, but he didn't notice any winds.
- Michael released his NUC Plus 4 and showed his webpage with schematics. It took 15 months and he spent more time than usual on details and documentation.
- Kevin saw someone built a new Atari 800XL board on Jazz Cat.
- Michael saw a 600XL board build.