

# Achatz Electronics introduces the A-ONE Apple 1 Replica Microcomputer System with a Videoterminal and 32K Bytes of RAM and 32K Bytes of ROM on a single PC Card.

The A-ONE is a fully functional replica of the Apple 1 computer. Originally created by Steve Wozniak in 1976, the Apple 1 is known as the "Worlds first Personal Computer". That was the year Apple Computers was started and more than 200 Apple 1 Computers were sold.

The A-ONE clone operates exactly like the Apple 1. Some original parts are used just as they were in the Apple 1. The A-ONE is equipped with a 6502 CPU, a 6821 PIA, 32KB RAM, 32KB ROM plus an enhanced Keyboard and video controller.

A PS2 port was included to allow the use of a standard PS2 Keyboard. The video-controller provides 40 Chars/line by 24 lines. Programs can be uploaded and downloaded through the included RS232 interface using another Personal Computer.

The A-ONE is not only a nostalgic computer but also a great learning tool that can be programmed in machine code or BASIC. A very powerful Assembler written by San Bergmans called "SB-Assembler" is available. More powerful tools like a disassembler, enhanced BASIC, FORTH etc., are also available online.

- CPU: MOS TECHNOLOGIE 6502
- System-Clock: 1 MHZ
- RAM Memory: 32KB SRAM
- ROM Memory: 32KB
- Video: 40 Chars/line at 24 Video-lines 50Hz and 60Hz
- Video Out: Composite positive Video, 75 Ohms
- Keyboard: PS2 Keyboardinterface
- RS232: 9-pin SubD Female, 2400 Bd
- Expansion: 2x22 Edge Connector
- Powersupply: recommended single universal AC-DC Adapter
- Voltage: DC 9-12VDC
- Supply Current: 250 mA
- PCB Size: 160 x 100mm

