

Many thanks for your response to my survey questions. I am now proceeding strongly on a project that will provide me with a memory motherboard design that will include the following requirements:

- 1.0 Memory
  - 1.1 32K RAM minimum configuration
- 2.0 Serial I/O Port
  - 2.1 RS 232 levels
  - 2.2 Software selectable 300 to 19.2K baud rate (could be fixed)
  - 2.3 Full status available to software (transmitter buffer empty; receiver data available; receiver framing, parity and overrun errors)
  - 2.4 Standard 25-pin "D" connector, female
- 3.0 Parallel I/O port
  - 3.1 Fully latched and buffered input and output
  - 3.2 Full handshaking with handshaking status available to software
- 4.0 Cassette I/O
  - 4.1 Dual audio cassette
  - 4.2 Software motor control
  - 4.3 1200 Baud, Kansas City Standard
- 5.0 Floppy Disc
  - 5.1 Provisions for floppy disc interface unit
  - 5.2 Allow both I/O and DMA Disc controllers
- 6.0 Expansion provisions
- 7.0 Keyboard provisions
  - 7.1 Serial or parallel interface (one or the other- to be specified)
  - 7.2 Latched data and strobe available to software
  - 7.3 Auto repeat of all keys (probably in keyboard itself)  
Study underway on JE610 by James Electronics
- 8.0 ROM
  - 8.1 Simple power-on monitor (may reside in game cassette package)
  - 8.2 Ability to load 1200 or 300 Baud audio cassette programs (could be 1200 only)
- 9.0 Operator signals
  - 9.1 Reliable level indication for audio cassette loading

There are also some options being looked at. The manufacturer of this board has unique capabilities and resources. The operating system will be one that I have written about.

A number of us in the neighborhood plan to acquire one of these, if you have any interest, please let me know. The status as of the moment is that the cost is being developed.

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Note: Richard Houser labeled this as vol 1., page 80a