

System Specifications

SYSTEM SPECIFICATIONS

CPU	:	8 bit Microprocessor, the 8085.
Monitor EPROM	:	16K bytes of EPROM loaded with powerful monitor program.
RAM	:	8K bytes of user's RAM using 6264 expandable upto 64K.
Battery Backup	:	3.6V Ni-Cd battery for user RAM.
Timer	:	16 bit programmable timer/counter using 8253.
I/O	:	48 I/O lines using 2 Nos. of 8255.
Keyboard	:	101 IBM compatible ASCII Keyboard
Display	:	20 x 2 Backlite LCD Display
EPROM Programmer	:	2716 / 2732 / 2764 / 27128 / 27256 EPROM Programmer (optional)
Serial Interface	:	RS-232C serial interface through SID/SOD line.
M85-07 On-Board	:	Interrupt controller using 8259,
	:	AUX RS-232C using 8251
	:	8 Channel ADC using ADC-0809
	:	1 Channel DAC using DAC-0800.
	:	1 Channel Relay output for switching.
	:	1 Channel OPTO input.
	:	Printer Interface.
	:	Speaker Interface
Bus	:	All data, address and control signals (TTL compatible) available at 50 Pin FRC connector
Power Supply	:	+5V/1A & ±12V/250mA.
Physical Size	:	24cm x 15.5cm (M85-04)
	:	28.5cm x 21.5cm (M85-07)
Operating Temp.	:	0 to 50°C.