[8088] IBM PC (1982)

Basic Details

Machine: [8088] IBM PC (1982)  
Machine type: [1979] 8088  
Chipset: Intel 8088-compatible  
Supported CPUs: Intel 8088, NEC V20  
FPU: 8087  
Minimum RAM: 64 kB  
Maximum RAM: 256 kB (Expandable to 512 kB using Microsoft RAMCard)  
Floppy Controller: Internal  
Hard Disk Controller: Supported  
Floppy Drive Support: 5.25” (180k/360k)  
Expansion Slots: 5x ISA slots  
Supported OSes: MS-DOS 1.25 to 5.00

Notes

1. MS-DOS requires a minimum of 32 kB RAM for versions 1 and 2, and 64 kB for version 3. Versions 4 and 5 require 128 kB to boot, and are not recommended for this machine. DOS 6 was not officially released on 360k floppies, but can be run if you install it to one. You will have the best results with PC-DOS 3.30.
2. The BIOS is not configurable by the user.
3. If booted without a floppy in the drive, the system will boot into BASIC. The only way to exit is to restart the machine by pressing Ctrl+Alt+Delete.
4. When installing the RAMCard to expand memory, set the Start Address to 256.
5. It is possible to increase RAM to 640K by using a second RAMCard, but this will use another ISA slot.
6. The BIOS does not display a visual confirmation of the memory test on startup. If the memory is maxed out, it may take a minute or more to test the memory.
7. To check available memory, run CHKDSK in DOS.