

This document describes the contents of your CP/M system disk.

1. ASM.COM - This is the normal CP/M assembler. It only assembles 8080 code.
2. BASIC.COM - This is a public domain basic written by Gordon Ubanks for his Thesis. This Basic is UNSUPPORTED.
3. BOOT.ASM - This is your secondary bootstrap source file used to load your CP/M 2.2 deblocked operating system. You will use this file any time you need to make any changes in your bios file and when you rebuild your operating system tracks. See the User's guide provided.
4. CHA-BAUD - This program allows you to change the baud rate of the A channel I/O port. The default baud rate for Channel A = 9600 Baud when the system is first brought up. CHA-BAUD will allow you to change it.
5. CONVERT.COM - This program is used to convert lower case letters to upper case letters in the label field and instruction field before using the ZASM.COM assembler. This program will check the balance of quoted strings and if an in-balance is found, will mark the source file with a @ character. Program syntax is as follows:
CONVERT [filename.ext]<cr>
6. COPY512.ASM and COPY512.COM - This program copies single sided or double sided deblocked 512 byte double density disks for backup. This program checks the target disk to see if it matches the source disk before the copy operation takes place. If the two disk do not match, then an error message is given and the program restarts at the beginning. Improper disk means source disk is double sided 512 byte, target disk is a single sided 512 byte disk,,, for example.
7. DDT.COM - This is your CP/M Dynamic Debugger Program. This program does not support Z-80 instructions.
8. DISKDEF.LIB - Library file for generating disk definition tables as explained in the Alteration Guide.
9. DSKFMT.ASM - This program formats diskettes in single density IBM 3740 standard or double sided, single density.
10. DSKT512.ASM and DSKT512.COM - This program checks 512 byte diskettes for errors. This is a read only disktest program.
11. DSKTST.ASM and DSKTST.COM - This program checks single density diskettes for errors. This is a read only disktest program.
12. DUMP.ASM and DUMP.COM - Example program supplied by Digital Research.
13. ED.COM - This is your CP/M context editor.

14. EXTRACT.COM - This program allows you to list source code from a .PRN file by using a Starting and Ending label in your program. This saves you from having to list your whole file just to get at a small area if you need to debug. Syntax is as follows:
EXTRACT [filename] <1st label> <2nd label><cr> where:
filename = name of file with the extension .PRN assumed
1st label = starting label
2nd label = ending label
15. FMT512.ASM and FMT512.COM - This program formats diskettes in either single sided or double sided 512 byte X 16 sectors. Track 0 is always single density 128 byte sectors for single sided or double sided disks.
16. GUESS.COM - This is a small computer game written in assembly language.
17. IOEQU.LIB - This file is used in conjunction with TURBO.ASM during assembly time.
18. LOAD.COM - Used to load .HEX files into .COM files for running in CP/M's TPA space.
19. MOVCPM.COM - This file is used to create a system image file which is used to re-build your CP/M operating system. Do not destroy this file, as it is the only file which allows you to change your system memory size. See the CP/M User's Guide for further instructions.
20. NEWMAC.LIB - This is a collection of MACRO's which are used in some of the support programs provided on this diskette.
21. PIP.COM - This is the CP/M Interchange program.
22. RUN.COM - This is the runtime package used with the BASIC.COM program. This program is likewise NOT SUPPORTED.
23. SETTIME - Program used to set the "REAL TIME CLOCK" date and time. This program is used with the auto start feature of CP/M if you set the AUTOTIM equate true in the BIOS file.
24. SGEN512.ASM and SGEN512.COM - This program is used to place your CP/M operating system onto the first two tracks of your diskette. This file will check to see if you are trying to place the wrong system type onto the wrong diskette type. You can not place a double sided operating system onto a single sided diskette. This program is used only to place systems onto 512 byte diskettes. It will not work with single density disks. (SEE SYSGEN.COM)
25. SKEW.LIB - This is another MACRO file used with some of the support programs provided on this diskette.
26. STAT.COM - This is your CP/M status program.
27. STRIP.COM - This program will tear down a .PRN file back to into an .ASM file. It is mainly provided so that in the event that you should lose a source file, but you have the .PRN file, you can reasonably recover back to your source file level. This package does not remove everything, such as macro expansions, but at least it may be of some help. Syntax is as follows:
STRIP [filename1] [filename2]<cr>
where .PRN is assumed for filename1,
and .ASM is assumed for filename2.

28. SUBMIT.COM - Your CP/M submit program.
29. SYSGEN.COM - Your CP/M sysgen program. This file only works on single density diskettes.
30. TIME - This program is used to display the date and time at the console. Options include: TIME<cr> to display the date and time and return to CP/M. TIME P<cr> causes the date and time to display until any key is pushed to abort.
31. TURBO.ASM - This is your BIOS file for CP/M 2.2 for use with the Intercontinental Micro Systems Corp. CPU board. See the User's Guide for more details.
32. TURBO.LIB - This file contains the Macros for generating a BIOS which uses extended memory as a Memory Disk. See the User's Guide for more details.
33. WORM.ASM and WORM.COM - This program is an M1 memory check program used to check memory for proper operation.
34. XDIR.COM - This program displays a sorted disk directory with file sizes displayed in Kbytes.
35. XSUB.COM - This is your CP/M extended submit program.
36. Z80.LIB - This is a macro file containing Z80 instructions for use with Digital Researches MAC macro assembler.
37. ZASM.COM - This is a Z80 assembler used to assemble most of the support programs. The syntax for this assembler closely follows that of the CP/M assembler with some exceptions as noted in the ZASM users guide.