



The HP 3000 Series II is a general purpose computer system designed to handle a large number of users in commercial, educational, manufacturing, and scientific applications. The Series II features concurrent batch and terminal access, supporting a number of batch peripherals and the capacity for up to 63 interactive terminals. The system can be dedicated to a specific application and still retain its flexibility and performance for adaptation to a variety of tasks.

Features

- 256-kilobyte fault control memory
- Multiprogrammed operating system
- Concurrent CPU and I/O operation
- Integrated terminal access
- 50 megabytes of disc storage
- Software compatible with Series III
- Memory expansion to 512kb

**Two standard configurations:
Model 6 and Model 8**

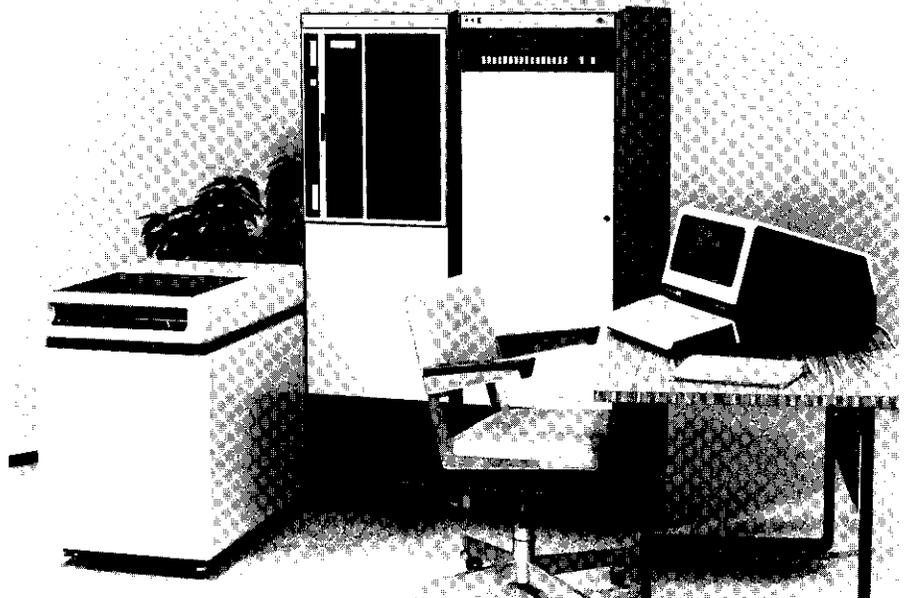
The HP 3000 Series II is available in two standard configurations, Model 6 and Model 8, allowing you to choose the memory and I/O capacity you require today while providing the growth potential to meet future needs.

The Model 6 standard configuration features 256-kilobytes of fault control memory, with space for 512-kilobytes, and 10 spare I/O slots.

The Model 8 standard configuration features 320-kilobytes of fault control memory, with space for 512-kilobytes, and 23 spare I/O slots.

Both configurations also feature a multiprogrammed operating system (MPE), concurrent CPU and I/O operation, and 50 megabytes of disc storage.

All system software is completely compatible on both the Model 6 and the expanded I/O capacity Model 8. Series II software can also run without modification on a Series III. The performance range growth path of the Series II is extended by two upgrade kits which allow you to expand your system from a Series II to a Series III. One upgrades any Series II to a Series III with 1024kb of memory. It contains replacement CPU, multiplexer, selector channel, memory array and backplane boards, 11 in all. To go beyond 1024kb, however, requires additional power and a memory controller.



These components, along with an additional 512kb of memory, are part of the second upgrade kit, which expands memory from 1024kb to 1536kb. To go to the full 2048kb, you need only two additional 256kb memory arrays.

Hardware supplied

The HP 3000 Series II, Model 6 hardware includes:

- Central processing unit (CPU)
- 256-kilobyte fault control memory
- 209 firmware instructions
- System clock
- 16-port asynchronous terminal controller
- Modem support (for type 103A or equivalent)
- 16-channel system I/O multiplexer
- System desk, two bays, card cages, and power supplies
- High-speed selector channel
- 2640B CRT console with 4-kilobyte memory
- 30229A disc controller with 7920A 50Mb disc unit
- 7970E 1600 bpi magnetic tape unit with controller
- 10 spare I/O slots and space for 512k-byte memory
- 60 Hz, 12.6 KVA isolation transformer

The HP 3000 Series II, Model 8 hardware includes:

- Central processing unit (CPU)
- 320-kilobyte fault control memory

- 209 firmware instructions
- System clock
- 16-port asynchronous terminal controller
- Modem support (for type 103A or equivalent)
- 16-channel system I/O multiplexer
- System desk, three cabinet bays, card cages, and power supplies
- High-speed selector channel
- 2640B CRT console with the HP 13234A additional 4-kilobyte memory
- 7920A 50-megabyte disc unit with controller
- 30215A magnetic tape controller with 7970E 1600 bpi magnetic tape unit
- 23 spare slots and space for 512k-byte memory
- 60 Hz, 12.6 KVA isolation transformer

Software supplied

Standard configurations of both Model 6 and the Model 8 supply the same operating system software which includes:

- Multiprogramming Executive III operating system (MPE III)
- HP 3000 Fundamental Operating Software
- System Programming Language (SPL)
- Text editor (EDIT)
- Program debugging aids (DEBUG)
- File copying utilities (FCOPY)
- Sort and merge package (SORT)
- Compiler library