The HP 3000 Series III increases the performance range of the HP 3000 business systems beyond range of the HP 3000 Series II. With capacity for two megabytes of fault control memory, the HP 3000 Series III is designed for those customers who require the performance associated with larger memory configurations for performing transaction processing in commercial, educational, manufacturing, and scientific applications. Similar to the Series II, the HP 3000 Series III 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.
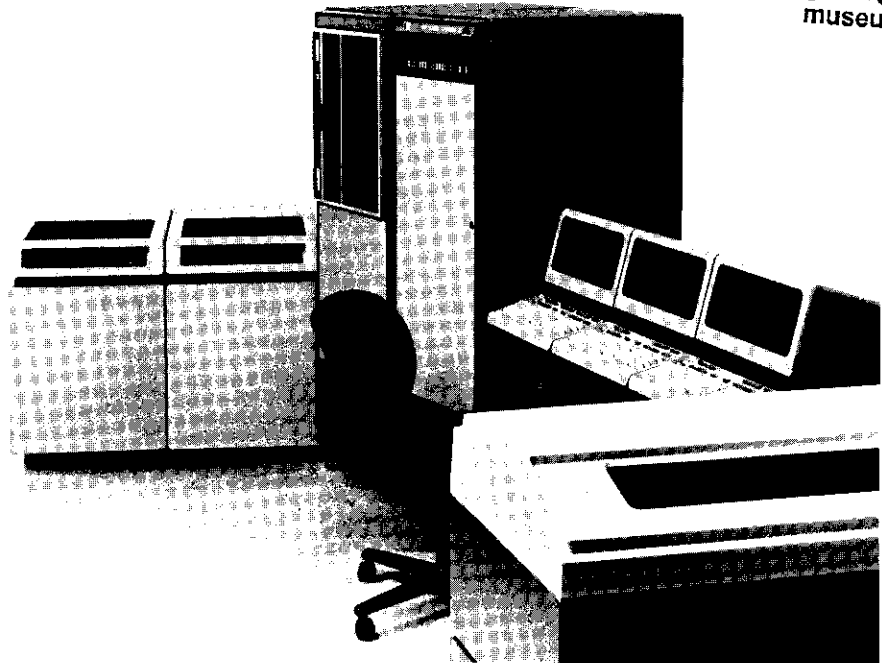
Features
- 256-kilobyte fault control memory
- Multiprogrammed operating system
- Concurrent CPU and I/O operation
- Integrated terminal access
- 50 megabytes of disc storage
- Software compatible with Series II
- Memory expansion to 2048kb

Standard configuration
The HP 3000 Series III standard configuration features 256-kilobytes of fault control memory, with capacity for 2-megabytes, and 10 spare I/O slots. Supported memory sizes are 256kb, 512kb, 768kb, 1024kb, 1536kb, and 2048kb. Options are available to allow you to expand the I/O capacity to 23 slots and support an additional 32 interactive terminals.

All system software is completely compatible on both the Series II and the larger memory capacity Series III.

Hardware supplied
The HP 3000 Series III 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 2048k-byte memory
- 60 Hz, 12.6 KVA isolation transformer

Software supplied
Standard configurations of the Series II and the Series III 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 aid (DEBUG)
- File copying utilities (FCOPY)
- Sort and merge package (SORT)
- Compiler library