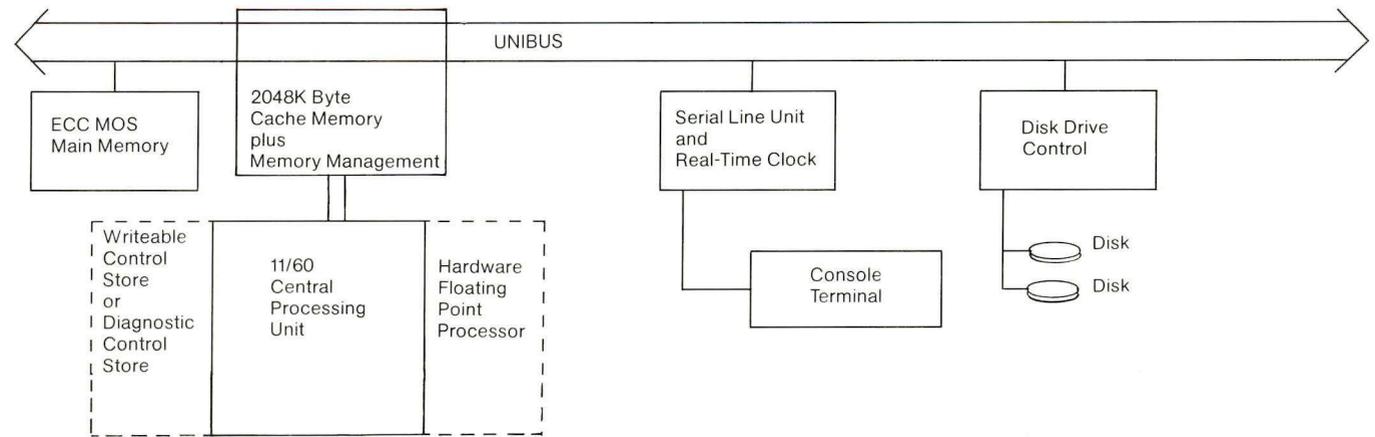


PDP-11/60

Laboratory Data Products, or LDP, is the special group within DIGITAL that has the scientific expertise and computer systems knowledge needed to serve the research market. We are committed to developing and enhancing hardware and software tools required to deal with the variety of problems being solved in the world's research laboratories.

The PDP 11/60 is DIGITAL's newest mid-range laboratory minicomputer. The design is simple and straightforward: to provide state-of-the-art features as standard in all configurations. Every element, from the self error-correcting MOS memory to the integral floating point processor has been included to give you a powerful combination of total system performance and high reliability. The PDP 11/60 also provides all of the standard PDP-11 family features, including the variety of DIGITAL operating systems and user-level applications.

Research and development applications require unique features in computer tools. In addition to the ability to perform the basic input/output and logic functions, researchers demand that the system be able to adapt and expand to meet the challenges that arise during experimentation. The PDP 11/60 meets the challenge with processor growth options and system flexibility. Options are available to enhance the floating-point operations and to directly control the machine for the highest speeds possible. System expansion is readily accomplished through the addition of memory in dedicated mounting space, and through the addition of peripherals on the UNIBUS, all without disturbing the existing system.



PDP 11/60 Standard Features:

- 2048 Byte Cache Memory with 340 Nanosecond Access Time
- Error Correction Code (ECC) MOS Memory with Battery Backup
- Over 400 Arithmetic, Logical, and Control Instructions
- Integral Floating Point Processing Instructions
- Memory Management Unit for Program Protection/Relocation
- Octal Readout/Keypad Input Programmer's Front Console
- DIGITAL's Corporate Cabinetry System
- Reliability and Maintainability Built Into The Processor

PDP 11/60 Options:

- User Writeable Control Store, Complete With Software
- Diagnostic Control Store, With Fault Isolation in Seconds
- High-Speed Hardware Floating-Point Processor

Register-to-Register	33 Bit Data	65 Bit Data
Add or Subtract	1.0 μ seconds	1.0 μ seconds
Multiply	1.5 μ seconds	3.7 μ seconds
Divide	7.0 μ seconds	12.7 μ seconds