



HP 1000 A-Series Computer Products

product number 2459A

The HP 2459A is a Micro 29-Plus package, or bundle, based on the compact, popular Micro 29 System Processor Unit (SPU). At significant savings compared to the sum-of-products prices, the package provides 1.5 megabytes of ECC memory, multiplexer and disc interfaces, a choice of discs ranging in capacity from 40 to 132 megabytes, and a 67 megabyte cartridge tape drive for software installation and backup. Additional options include 3 megabytes of ECC memory on one board instead of 1.5 megabytes on two boards, DS/1000-IV direct-connect and modem interfaces to other HP 1000 systems, and a LAN/1000 Link interface plus NS/1000 network software, also at very good savings.

Features

- Compact, powerful Micro 29 System Processor
- Popular components — peripherals, memory, and I/O cards — packaged with the SPU at money-saving prices
- Flexibility through options to the bundle product

Specifications

Processor and SPU Data

For description of the Micro 29 SPU and its A900 processor, see the HP 1000 A-Series Hardware Technical Data book, 5953-8761, printed 5/85.

Product Structure of Standard Bundle

The HP 2459A Micro 29-Plus bundle consists of:

1. HP 2489A Micro 29 System Processor Unit, with its included 12009A HP-IB interface and with:
 - a. HP 12040C Eight-Channel Asynchronous Multiplexer instead of 12005B Async Serial Interface.
 - b. HP 12220B 1.5 megabyte ECC (two-card) memory package instead of 12220A 0.75 megabyte memory card.
 - c. RTE-A operating system on CS-80 cartridge tape.
 - d. Site prep consultation, installation, and 90-day on-site warranty service.
2. HP 9134L 40 megabyte Mini Winchester disc.
3. HP 9144A Cartridge Tape Subsystem.

Capacity and Performance of Standard and Optional Discs and Cartridge Tape Subsystem

	FORMATTED CAPACITY	AVERAGE ACCESS TIME*	AVERAGE TRANSFER RATE**
Standard disc	39.9 MB	48.3 MS	491 kB/S
Option 001 disc	55.5 MB	38.3 MS	625 kB/S
Option 002 disc	132.1 MB	36.0 MS	983 kB/S
Standard Cartridge Tape S/S	67.0 MB	Not Appl.	34 kB/S

* Average access time is the sum of average seek time plus average rotational delay.

** Average transfer rate is based on the minimum time required to transfer one track without overrun.

Ordering information

NOTE A: This bundle is orderable using the System UNbundler (SUN) system. Quotes and orders are conveniently generated under the SUN simply by designating the HP 2459A bundle product number and any desired bundle options.

NOTE B: For operation, the 2459A System Package requires a compatible terminal and cable to its Multiplexer interface.

2459A Micro 29-Plus Package, as defined in "Product Structure of Standard Bundle," above.

Package Options

- 001:** HP 7945A 55 MB disc instead of HP 9134L 40 MB disc (EXCLUDES option 002).
- 002:** HP 7914CT+ 140 132 MB disc instead of HP 9134L 40 MB disc (EXCLUDES option 001).
- 003:** 12221A 3 MB ECC memory card instead of two-card 12220B 1.5 MB ECC memory package.
- 004:** Adds 12044A Direct-Connect DS/1000-IV interface for communication with other HP 1000 systems.
- 005:** Adds 12007B DS/1000-IV modem interface for communication with other HP 1000 systems.
- 006:** Adds 12076A LAN/1000 Link interface and supporting NS/1000 software for Local Area Network (LAN) communications.
- 015:** Operation from 230V/50 Hz ac power.