Burroughs CP9570

Communications Processor System

Burroughs CP9500 Series . . .

Lower Cost
Higher Performance
Greater Flexibility
for Distributed Data Processing

Burroughs CP9500 Series Communications Processor Systems are designed for linking remote data processing operations with each other and with central computers to form a large-scale communications network.

The CP9500s effectively control the transfer of data between communications points and enable Burroughs computers and terminals to communicate efficiently with each other and with other manufacturers' equipment.

The CPs offer lower costs, thus making them practical for smaller operations. Yet, their powerful performance levels can easily satisfy the requirements of larger applications.

Today, many companies are equipping their plants, warehouses, regional offices and branches with their own computers and data bases. This trend has accelerated with the advent of smaller, less expensive computers and storage devices. Burroughs CP9500s allow users in this environment to reduce the burden on their central computers while providing local management with faster access to important information.

At the same time, the CPs also support users who retain centralized operations by providing controlling, formatting, editing and job entry functions for remote sites that are equipped with terminal networks for data entry, inquiry and other applications.

Because of the flexibility of the CP Series, users can tailor them to the specific requirements of individual sites through combinations of processor power, memory size, peripheral subsystems and data communications capabilities.

In addition to economical costs and high throughput, the CP9500s offer other outstanding capabilities through an advanced processor architecture which utilizes four independent processing elements, each of which is dedicated to a different set of functions.

One type processor provides operating control while another manages data files. A third type compiles and executes user's application programs and the fourth is assigned data communications. These processor elements operate concurrently, each at its maximum rate. Thus, the system uses all of its resources continuously at peak efficiency and maintains a consistently high rate of throughput and productivity.

The CP9500 system software – Burroughs Transaction Control System – provides the software capabilities needed for efficient, cost-effective on-line transaction processing.

Wide Range of Peripherals:
Burroughs Super Mini-Disk (IMB)
Burroughs Super Mini-Disk II (3/6 MB)
Industry Compatible Mini-Disk (243KB)
Fixed Disk
Disk Pack
Magnetic Tape
Up to Two Line Printers per System

CP9570 System

- Up to eight processors operating at 2 MHz each
- Memory expansion to 1,540,096 bytes
- Up to two data communications processors (DCP):
  - Total of 12 lines may be attached
  - 96,000 BPS bandpass per DCP
- Up to five processors for application processing:
  COBOL, RPG, or MPL
- A system redundancy feature which allows task processors to backup malfunctioning operating system (MCP) and file management (Disk) processors
- CMS system software compatibility
- CMDIS application software
- Unattended system operation available

Burroughs CP9500 Series . . . low cost and powerful performance in communications processing.

Burroughs