

An action-packed resource
for problem business areas:

The IBM 5110 Computing System



IBM

A compact yet full-scale computer at a realistic price

The IBM 5110 Computing System can help you quickly and easily come to terms with that troublesome business or department application.

The IBM 5110 gives you and your staff the power of a full scale computer... with the compact size and simplicity of a desk calculator. It is a small computer that offers big benefits. And at a cost you can afford, too.

You can place the 5110 on a desk, or put it on a nearby table, for easy access to the information that is needed. Wherever there is a 220 V or 115 V earthed socket, you can plug in the 5110 - and get straight to work.

Use it for such applications as sales ledger, payroll and general ledger. Use it for inventory control and order processing, or to test new project parameters... forecast break-even points... analyse numerical data for statistical purposes... handle engineering data.

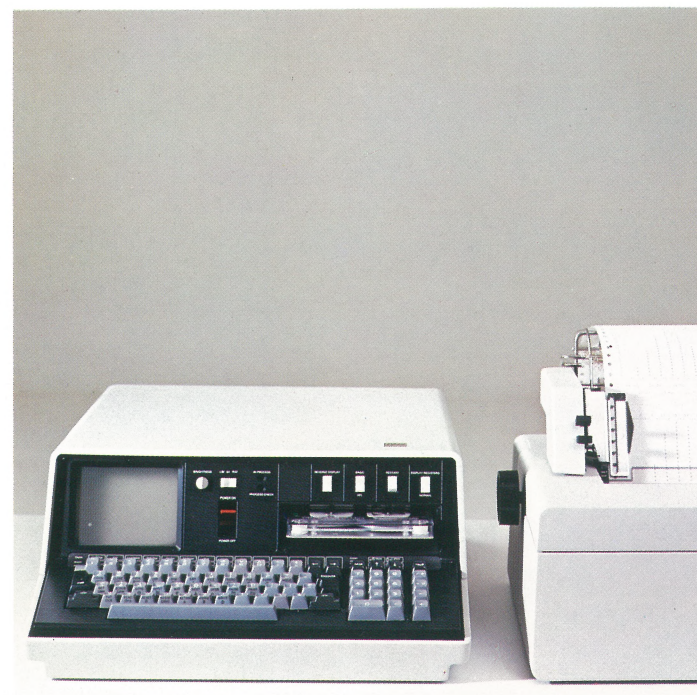
In fact, you can install the IBM 5110 for just about any application where you want to control costs, decrease paperwork and improve productivity.

You have a choice of two function-packed models

The IBM 5110 is available in two models. Model 2 is diskette only, while Model 1 also has a built-in magnetic tape unit for storing information on removable tape cartridges or diskettes.

Both models offer:

- A simple, easy-to-use keyboard
- Visual display with upper/lower case capability
- Large-capacity storage
- A bidirectional printer offering overlapped printing with processing
- BASIC and/or APL programming languages
- Main storage in 16K increments up to 64K capacity
- Serial I/O, Parallel I/O, TV monitor and Communications Adapters - allowing for the attachment of a variety of external devices.



Data at your fingertips to display and print out

A typewriter-like keyboard and 10-key calculator pad are all it takes to enter information and tell the 5110 what to do with it. Special command keys for often-used functions also contribute to the speed and performance of the computer.

Keyboards can be delivered for use with BASIC and/or APL – two easy-to-learn, easy-to-use programming languages with proven value to professionals in business, engineering and financial disciplines.

Both APL and BASIC are interactive programming languages. So language will not be a barrier to getting maximum effective use from the IBM 5110.

The 5110's built-in display screen helps to prompt the interaction between operator and the computer. The screen guides the operator and provides visual verifications of all information entered at the keyboard. It also allows immediate review of data and programs stored on tape cartridges or diskettes.

The screen can display a total of 1024 upper and lower case characters in 16 lines. It can move these lines, one at a time, to review and correct data and programs easily. It can also accept input and place output anywhere on the display, depending on how the screen has been formatted.

An optional desk-top printer, the IBM 5103 Printer, can also be attached to the 5110 – providing immediate printout of information on the display screen. This bidirectional matrix printer operates at 80 or 120 characters per second, prints 132 characters per line and can handle multipart forms. In addition, printing can be overlapped with processing. Also, upper and lower case characters can be printed.

Two ways to store data: tape cartridges or diskettes

The built-in magnetic tape unit in the 5110 Model 1 lets you record and store information on handy IBM Data Cartridges. These cartridges can store up to 204,000 characters on high-quality, quarter-inch reusable tape.

Data can be read into the Model 1 from the tape unit at speeds up to 2,850 characters per second. The tape unit writes and checks data at 950 characters per second.

When you are ready to expand, the optional IBM 5106 Auxiliary Tape Unit can double the online storage you get with the Model 1 – as well as speed and simplify file updates.

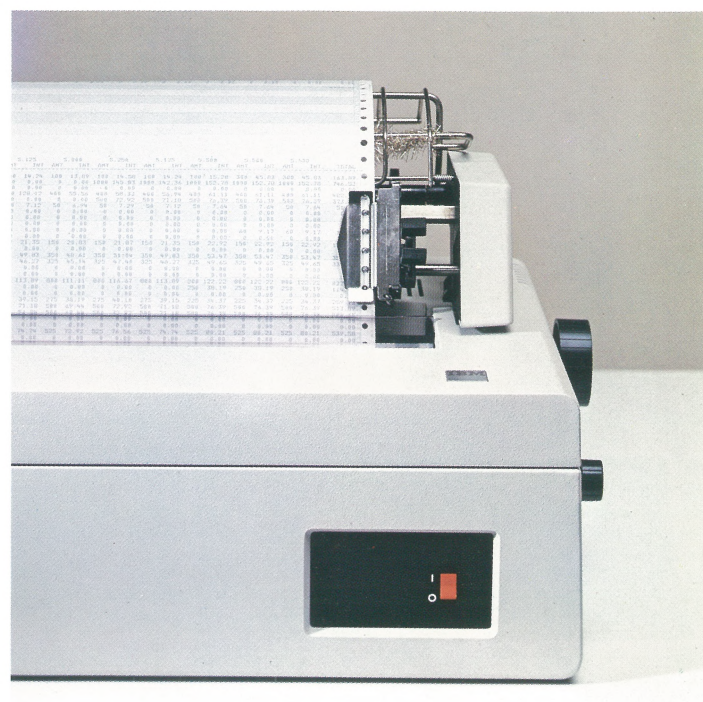
In addition, the IBM 5114 Diskette Unit can, as an option, be attached to the Model 1 to provide up to 2 million characters of additional storage.

If your business or department requires more computer capability, the 5110 Model 2 offers the additional speed, capacity and function of a diskette-based data storage system.

Data can be read into the Models 1 and 2 from a floor-standing diskette unit at speeds up to 32,000 characters per second. The diskette unit can write and check data at 18,900 characters per second.

One or two diskette units can be attached to the Models 1 and 2 – each housing a maximum of two diskette drives. The IBM Diskette stores up to 1.2 million bytes of information, which means you can have up to 4.8 million bytes of storage capability.

The IBM Diskettes used in the 5110 are compatible with the diskette media used in other IBM products – including the IBM 3741, 3660, System/32, System/34, Series/1, and System/370. If your business or department requires it, you can use diskettes to exchange information offline between the 5110 and these devices. An auxiliary tape unit is available on Model 2.



Some additional benefits

Compact, full-function, low-cost and flexible – these are some of the 5110 benefits we've been discussing in this brochure.

Now, here are some additional IBM 5110 benefits you should know about:

- With the Serial I/O and Parallel I/O Adapters, a variety of devices can be attached to the 5110 – including card and paper tape readers/punches, printers, plotters and instrumentation devices.

- With the optional Communications Adapter, the 5110 can become a batch communications terminal linked to the central computer.
- A standard TV monitor adapter allows you to attach black-and-white television monitors for simultaneous viewing on larger screens.

A computer to grow with

The IBM 5110 is the ideal small computer for a growing business.

You select only what you need. No more. No less. Add optional devices to this modular business system as your business demands it.

For example, you can start with the basic low-cost IBM 5110 Model 1 or Model 2. Add a printer when you require hard copy. Then add an auxiliary tape unit or another external diskette unit, depending on the model you have, as your need for more storage capacity develops.

As your business demands it too, you can use the Serial I/O, Parallel I/O, TV monitor or Communications Adapters to attach a variety of additional external devices.

If you want to know more about the IBM 5110 Computing System, see your local IBM marketing representative. Find out how the 5110 can work for you in the office... the finance or accounting department... the laboratory... or the workshop.

These pictures show design models only.





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