

The Corona PC

Models PC-1, PC-2, PC-HD



The Corona PC™ is a cost-effective, powerful alternative to the IBM Personal Computer®.

It is compatible with the IBM PC, accepting software and expansion cards which conform to the IBM PC standard.

The Corona PC comes with the same processor as does the IBM PC, the same keyboard, the same type of disk drives, and in general does everything that the IBM unit does.

Moreover, the Corona PC goes beyond the IBM standard:

More hardware

Every Corona PC comes with 128K of memory, at least one 320K floppy disk drive, one communications port, one printer port, a monitor used for regular text and for graphics, and the high resolution graphics circuitry itself.

The video image is very high contrast, for greater clarity and less eye strain. The keyboard includes status lights indicating when functions are on or off.

More expandability

The Corona PC includes a large power supply and four expansion slots. Important components (video, disk, printer, and communications interfaces, and electronics for up to 512K memory) are built in. All four slots are available for other uses.

Corona also offers a 10 Megabyte hard disk, installed inside the PC.

More bundled software

The Corona PC comes with MS™ -DOS, and GW BASIC™.

Corona also includes CP/M-86™, the GSX™ software, and a word processor.

More software compatibility

With the inclusion of CP/M-86, the software that conforms to the well-known CP/M® standard is available for the Corona PC.

Standard Hardware (Model PC-1)

Processor	16-bit 8088
Memory	128K
Storage type	Double sided, double density floppy, half-height
Number of drives	1
Disk capacity	320K
RAM-disk	Yes
Monitor type	High resolution green phosphor, non-glare, wide-view
Monitor size	9 inch diagonal

Keyboard	Detachable, IBM PC arrangement, 83 low fatigue capacitance keys
Keyboard indicators	Number and caps locks
Keyboard cable	6 ft coil, connects to front of system
Communications port	1 RS-232C serial
Printer port	1 Centronics-compatible parallel
Expansion slots	4 IBM PC-compatible slots
Power supply	110 Watt switching supply

Alphanumeric display	80 columns, 25 rows
Character font	16 x 13 dots
Character attributes	Reverse video Underline Blinking High intensity
Graphics resolution	640 x 325 pixels
Text with graphics	Text can overlay graphics
Graphics storage	As many images as memory allows

(Model PC-2)

Same as PC-1, but with the following differences:

Number of drives	Two
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(Model PC-HD)

Same as PC-1, but with the following differences:

Storage type	Double sided, double density floppy Winchester hard disk
Storage capacity	(floppy) 320K (hard disk) 10 Megabytes

Optional Hardware (models as shown)

Memory	Up to 512K, in 128K increments (all models)
Disk	Second floppy disk drive for PC-1 Winchester hard disk for PC-1 or PC-2

Standard Software (all models)

Operating Systems	MS-DOS, CP/M-86
Languages	GW BASIC
Graphics	GSX, for CP/M-86
Applications	MultiMate word processor PC TUTOR self-teacher

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