

## Panasonic

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### FT-70 Technical Specifications

MPU	
CPU	8086-2 (16 bit), 7.16MHz/4.77MHz
Socket for Co-Processor	8087-2, 7.16MHz/4.77MHz
MEMORY	
RAM	Standard 256K bytes
Expandable up to	640K bytes on system board
ROM	32K bytes
SOFTWARE O.S.	MS-DOS 2.11
	BASIC and DIAGNOSTICS
STORAGE	
	Half-height 5 1/4-inch floppy disk drive,
	360K bytes x 2
	(double-sided, double-density)
DISPLAY	
Type	High resolution plasma display
	Non-glare type
Resolution	640 (H) x 400 (V) dots
Size	192 (H) x 144 (V) mm
Viewing area	0.3 (H) x 0.36 (V) mm
Dot pitch	4 (H) - 3 (V)
Aspect ratio	Neon orange
Color	80 columns x 25 lines
Character Mode	40 columns x 25 lines
	640 (H) x 200 (V) dots
	(8 x 16 dots/character box)

Graphics Mode	
Monochrome	640 (H) x 200 (V) dots
Color	320 (H) x 200 (V) dots
PRINTER	
Type	40/80/132 columns
	Thermal/Thermal transfer
Printing Speed	
Thermal mode	60cps (correspondence quality)
Thermal transfer mode	30cps (near letter quality)
KEYBOARD	IBM compatible 83 keys
REAL TIME CLOCK	Lithium battery backed up
OPTION SLOT	62-pin (for 5 1/4-inch long option board) x 1
I/O	
Parallel Port	Centronics (DSUB 25-pin, female)
Serial Port	RS-232C (DSUB 25-pin, male)
Expansion Port	Bus port (60-pin)
POWER SUPPLY	AC 120V/220V (switchable), 50/60Hz
Dimensions (W x H x D)	406 x 128 x 540mm (16" x 5 1/8" x 21 1/2")
WEIGHT	13kg (29 lbs)
OPTION	
Printer Ribbon	(CF-RP110)
Thermal Transfer Paper	(RD-9442)
Thermal Roll Paper	(RD-9671)

**Panasonic**  
**Exec. Partner™**

FT-70  
 Portable  
 Computer

## MORE INNOVATIONS FOR PORTABLE COMPUTING POWER

The first surprise is when you open the top. The display is high-resolution plasma, the state of the art for legibility and long life. Now look behind the display. It's a printer—built in. Next try the keyboard. Full-size, full-stroke, and complete with numeric key-pad, function keys and LED NUM LOCK and CAPS LOCK indication. And two 5-1/4-inch drives.

The Exec. Partner uses the 8086-2 processor for faster operation with most programs. But it can be switched down to "normal speed" to run all currently available IBM PC or XT compatible software off the shelf. Hardware is also completely compatible so you can add a modem board, a number crunching 8087, expanded memory and more. This and other innovative technology adds up to real computing power.

The biggest surprise is that all this is still portable.



# Panasonic Exec.Partner™

## 10 Reasons to Make the FT-70 Your Executive Partner

### 1 HIGH RESOLUTION PLASMA DISPLAY

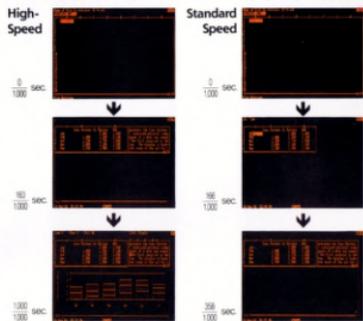
Neon orange on a high contrast background. It's plasma, the state of the art in display technology. Gone is the glare of a CRT, the angle-dependent legibility of LCD readouts. With its 11" (CRT equivalent) large screen, fast response, and high resolution, Panasonic's plasma gives you excellent results in a lightweight, compact and reliable form (10 times the life of a typical CRT, 4 times that of an LCD). Plasma is one of the keys to the Exec. Partner's excellent display capabilities: 640 by 200 pixel graphics (640 by 400 dot), 80 column by 25 row text display with fully formed 8 by 16 dot multiple fonts, 80 x 25 graphic character capability.



### 2 HIGH PROCESSING SPEED

As its microprocessor the Exec. Partner uses the 8086-2, a chip with a full 16-bit bus. This means that software typically runs more than two times faster than on leading PCs. The more complex your applications the more you'll appreciate this accelerated 7.16MHz processing rate. Yet you can shift down to the present standard 4.77MHz PC speed instantly via the keyboard. LED indication reminds you of the speed selected. For scientific and other number intensive applications the Exec. Partner has a built-in socket for the optional 8087-2 co-processor.

Processing Speed Comparison with Actual Symphony™ Application



### 3 DUAL MODE INTERNAL PRINTER

The rear of the Exec. Partner flips open to reveal a built-in printer. Now you can have hard copy wherever you are. No extra luggage, no extra cables. And it is quiet.

The Exec. Partner can print near letter quality (30cps) on ordinary paper up to 8-1/2 inches wide in the thermal transfer mode. Or you can print faster correspondence quality (60cps) on thermal paper in the thermal mode. Switching from the near letter quality (30cps) thermal transfer mode to the faster correspondence quality (60cps) thermal mode is accomplished by removing the ribbon cartridge.

Both modes have graphics capability. Printing is possible at 40, 80 or 132 columns per line and in three levels of density.



### 4 FULLY EXPANDABLE

The Exec. Partner comes with 256K RAM installed—the amount experts recommend for most business applications. But many new programs only show their full capabilities with more memory. On the Exec. Partner, built-in RAM sockets let you expand memory without having to purchase an extra board. By simply inserting new chips you can move up to the 640K maximum; 256K-bit dynamic RAM chips can be used. Parallel and serial ports are standard so you can hook up an external printer or plotter and exchange data with other computers. With its expansion bus, the Exec. Partner can be connected to the optional RD-9655 slot extender which handles up to three full size expansion boards. The built-in IBM PC/XT compatible option slot can take one short board (5-inch) so you can easily add a modem card for communications.





## 5 PLENTY OF SOFTWARE

With its standard 5-1/4-inch dual disk drives, standard MS-DOS operating system, and standard keyboard, you'll have no problem running today's most popular software. Existing programs run "as is" without the need for downloading to a foreign disk format. You have compatibility not only with PC-DOS, but also with UCSD p-System and Concurrent CP/M-86™ operating systems and their software. You'll even be able to handle UNIX™-based operating systems like XENIX™. The Exec. Partner's windowing and multi-tasking performance is as good as the software you run on it.



## 6 SOLID CONSTRUCTION

Many portables are simply not built to take the hard knocks of real-world travel. The Exec. Partner is different. You can feel the solidity of construction. And it's not just on the outside. Internal parts are mounted on a rigid chassis that resists vibrations and physical shock. Furthermore, each and every Exec. Partner is strictly and thoroughly tested.

## 7 FREE-STOP DISPLAY

The plasma display opens smoothly to exactly the angle you want. And it stays at that position thanks to the compass-hinge design (patent pending). So you enjoy the most comfortable viewing whether you set the Exec. Partner on your lap or on a desk or table top. The display is turned off automatically when folded down.



## 8 VERSATILE AND CONVENIENT

The built-in real-time clock is backed up by a long life lithium battery, giving the date and time automatically. This is convenient for keeping track of your files and saves the hassle of chronological entry by hand. The time and date setting can be changed from the keyboard when necessary. A protected switch lets you operate the Exec. Partner virtually anywhere in the world at 120V or 220V (50/60Hz). Other convenient features include LED indication of NUM LOCK, CAPS LOCK, EXTERNAL PRINTER, FAST SPEED, printer ERROR and power ON.



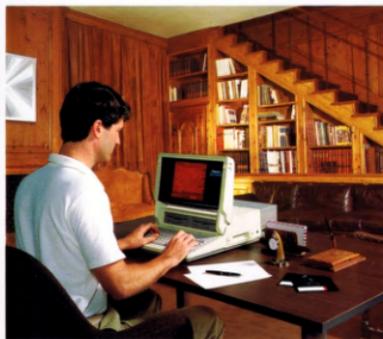
## 9 STILL PORTABLE

Panasonic makes the only portables that don't make you lug along peripherals for full desktop computer performance. You get everything you need, all the capabilities and power you've become accustomed to in your office. Everything is included, from a full size display to a fast, quiet printer.



## 10 RELIABLE & DEPENDABLE

When we sell a portable, it has to be rugged enough to stand up to portable use. And we prove our commitment with a 1-year limited warranty and extensive service network. Your Panasonic Exec. Partner is the product of a 66-year old company with a 25-year history of reliability and performance in the U.S.A. The Exec. Partner is a computer that is built by computer controlled industrial robots under very strict quality conditions. Each completed computer is given an environmental test and 24-hour aging. Every Exec. Partner that we ship is fully ready to perform to your highest expectations.



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