

IBM PORTABLE COMPUTER (5155068)

The IBM Portable PC is a transportable personal computer containing a built-in 229 mm (9") (diagonal measurement) amber composite video monitor, one 133 mm (5-1/4") Slimline Diskette Drive (with space for an optional second drive), an 83-key keyboard, a Diskette Drive Adapter and a Colour/Graphics Monitor Adapter. The unit also has a universal power supply. The System Board is the same as that of the PC-XT, with 256Kb of memory, expandable to 512Kb with a Memory Expansion Card. There are seven expansion slots available for the connection of most Personal Computer options. Two are already used by the Colour/Graphics Adapter and the Diskette Drive Adapter, leaving five for the user. Of these five slots, one is full length and the remainder are short. From a function and performance standpoint the system unit has identical characteristics to an equivalently configured PC.

HIGHLIGHTS: SYSTEM UNIT

Standard features:

- Intel 8088 Processor
- 256Kb memory
- 229 mm (diagonal measurement) amber composite video monitor
- Colour/Graphics Monitor Adapter
- Diskette Drive Adapter
- Universal power supply (115/230 VAC, 50/60 Hz)
- Lightweight 83-key Keyboard
- One Slimline Diskette Drive (double sided) - 360Kb with DOS 2.10
- Enclosure with carrying handle
- Seven expansion slots (five available - one long and four short)
- Carrying bag for the system unit
- Telecom approved

Options:

All the current Personal Computer options are available for the Portable PC with the exception of:

- Full-sized diskette drives
- IBM Monochrome Display
- IBM Monochrome Display and Printer Adapter
- Expansion Unit (Model 2)

The following is a list of all supported options:

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- Slimline Diskette Drive
- IBM Colour Display
- 64/256Kb Memory Expansion Adapter
- Printer Adapter
- Game Control Adapter
- Expansion Unit (Model 1)
- Asynchronous Communications Adapter
- SDLC Adapter
- BSC Adapter
- IBM Graphics Printer
- Maths Co-processor
- IBM Cluster Adapter

### PACKAGING

The Portable PC will be shipped in two packages and distributed with the following:

- System unit and carrying bag
- Keyboard
- Publications
- Power cord
- Exploring The IBM Portable Personal Computer diskette

### TECHNICAL DATA

- System dimensions:
  - Length 508 mm (20")
  - Depth 432 mm (17")
  - Height 203 mm (8")
  - Weight: Approximately 13.6 kg (30 lbs) (Standard configuration)
- Keyboard dimensions (included in the system unit):
  - Length 457 mm (18")
  - Depth 191 mm (7.5")
  - Height 38 mm (1.5")
  - Weight 1.8 kg (4 lbs)
- Input Voltage: 115/230 VAC, 50/60 Hz switchable
  - 115V Switch Setting: 100/125 VAC
  - 230V Switch Setting: 200/240 VAC
- Power supply international: 114 Watts
- Power consumption: 320 Watts
- Heat Output: 685.62 kJoules (650 BTU/Hour)
- Air Temperature:
  - System Operating: 15.6 to 32.2 degrees Centigrade
  - Power Off: 10 to 43 degrees Centigrade
- Wet Bulb Temperature:
  - System Operating: 22.8 degrees Centigrade maximum

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- Power Off: 26.7 degrees Centigrade maximum
- Relative Humidity: 8 to 80%
- Noise level 49.5 dB (without printer)

### PUBLICATIONS

The Portable PC is described in the following publications:

- Guide to Operations (Packed with the Portable PC)
- BASIC Reference Manual (Packed with the Portable PC)
- Technical Reference Manual (6939572)
- Hardware, Maintenance and Service Manual (6936573)

### CUSTOMER RESPONSIBILITIES

The customer is responsible for:

- Unpacking the system components
- Attaching them correctly
- Running the Power-On Self-Test

### WARRANTY

The standard 90 day IBM Hardware Limited Warranty provisions apply to this product.

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