

AccessionIndex: TCD-SCSS-T.20121208.049

Accession Date: 8-Dec-2012

Accession By: Prof.J.G.Byrne, Prof.Doug Leith

Object name: IBM PC 5150

Vintage: c.1981

Synopsis: Two first-generation IBM personal computers (one with original monochrome display and keyboard), based on Intel i8088, running Microsoft's MSDOS. PC(1) S/N: ???, PC(2) S/N: 046 5541, Display S/N: 1725540, Keyboard S/N: ???.

### **Description:**

The IBM PC 5150 is the original 'IBM PC', introduced on 12-Aug-1981. The design was led by Don Estridge of the IBM Entry Systems Division in Boca Raton, Florida. Personal computers ('PCs') already existed, but the entry of IBM into the market changed the market entirely. It became a standard platform, triggering adoption of PCs in business, fostering many third-party IBM-compatible PCs and very many peripheral expansion products, and greatly expanding flexibility for customers.

The design used a 4.77MHz Intel i8088 CPU (4.77Mhz frequency was 1.333 times the American NTSC TV colour burst frequency), an optional i8087 FPU, 16-64kB of parity-checked memory using 16kbit DRAMs (expandable to 256kB), with one or two 5.25-inch floppy disk drives, and introduced an 5-slot 8-bit expansion bus that later evolved into the Industry Standard Architecture (ISA) bus.

The original keyboards for the IBM PC 5150 were very reliable and had a very nice feel that was regarded very highly by users.

Accession Index	Object with Identification
TCD-SCSS-T.20121208.049.01	IBM PC 5150. S/N: ???, Manufacturing Date: ????
TCD-SCSS-T.20121208.049.02	IBM PC 5150. S/N: 046 5541, Manufacturing Date: ????
TCD-SCSS-T.20121208.049.03	IBM 5151002 Monochrome Display for IBM PC 5150. Manufacturing Date: Sep-1987, S/N: 1725540 (another label says S/N 17CFF40).
TCD-SCSS-T.20121208.049.04	IBM ??? Keyboard for IBM PC 5150. S/N: ?????, Manufacturing Date: ????

### **Accessions:**

*IBM PC 5150: Prof.J.G.Byrne, 8-Dec-2012.*

*IBM PC 5150 with original display and keyboard: Prof.Doug Leith, 12-Jan-2015.*

### **References:**

1. Wikipedia: <http://www.wikipedia.org/>.

*Figure 1: IBM PC 5150 three-quarter view*