The OSI Keymate C-100 is a very reliable, self-contained microcomputer system designed for a variety of small office and home computer applications. The C-100's versatile and cost-effective design is based on years of innovative microcomputer design and high volume manufacturing experience.

The standard system includes the popular 6502 microprocessor, 48K bytes of random access memory (RAM), one 80K byte mini floppy drive, compact typewriter-style keyboard, acoustic modem, and a number of input/output ports that allow a variety of optional serial and video display devices to be easily connected to the system. The C-100 video and graphics capability includes full 16-color support, and 256 x 512 bit-mapped, high-resolution graphics that establish new standards for microcomputers.

A wide range of standard software is provided with the C-100 including OSI's versatile OS-65D Disk Operating System, BASIC programming language, and a variety of application software packages. Typical applications supported include record keeping, accounting, financial planning, computation, word processing, education and home entertainment.

A number of options are available including black and white or color video monitor, a second 80K byte mini floppy, serial matrix or word processing printer, UCSD™·Pascal and FORTRAN, and a variety of optional applications and home entertainment software packages.

The C-100 is housed in a compact, table top cabinet and can be used with a closed circuit TV video monitor, a standard color TV, an OSI black and white monitor, or an OSI color monitor.

This reliable, well designed hardware and software configuration, combined with the available options, provide a level of versatility and performance seldom achieved in microcomputers of comparable size and price, designed for small office and home computer applications.

Standard Features:
- 6502 CPU (2M Hz clock rate)
- 48K byte RAM
- Compact, typewriter-style keyboard
- Single 80K byte mini floppy drive
- Acoustic modem
- Standard I/O ports, including:
  - Two RS-232 connectors
  - Two Joystick inputs

Standard Software Included:
- OS-65D Operating System
- MDMS Management System
- Planner Plus Financial Planning System
- Plot BASIC
- WP3-Z Word Processing software
- HINRS graphics software
- DAC 1 musical software
- Game Disk
- Sargon® Chess Game

Documentation Provided:
- Introductory Manual
- User's Manual
- Servicing Data
- BASIC Reference Manual
- 65D Reference Manual
- 65V Primer (introduction to assembler programming)
- MDMS Reference Manual
- MDMS Planner Plus Manual
- Plot BASIC Manual
- DAC 1 Manual

NOTE: Hardware availability to be determined by FCC certification.
## C-100 Specifications

### System Operating Characteristics

<table>
<thead>
<tr>
<th>Component</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CPU</strong></td>
<td></td>
</tr>
<tr>
<td>Processor types &amp; clock rates</td>
<td>6502 at 2MHz</td>
</tr>
<tr>
<td>Type memory</td>
<td>Static RAM</td>
</tr>
<tr>
<td>Memory capacity</td>
<td>48K bytes</td>
</tr>
<tr>
<td>No. serial ports</td>
<td>2</td>
</tr>
<tr>
<td><strong>Mini Floppy Drives</strong></td>
<td></td>
</tr>
<tr>
<td>No. Drives</td>
<td>(1std)</td>
</tr>
<tr>
<td>Capacity per Disk, Unformatted</td>
<td>150K bytes</td>
</tr>
<tr>
<td>Capacity per Disk, Formatted</td>
<td>80K bytes</td>
</tr>
<tr>
<td>Transfer rate, latency (avg.)</td>
<td>125K bits/sec</td>
</tr>
<tr>
<td>Average access time</td>
<td>100 msec</td>
</tr>
<tr>
<td>No. Tracks</td>
<td>40</td>
</tr>
</tbody>
</table>

**NOTE:** Mini Floppy weight is for one drive, double weight for two drives; CPU and mini floppy weights are approximate.

### System Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Environmental</strong></td>
<td></td>
</tr>
<tr>
<td>Temperature</td>
<td>60° to 75°F</td>
</tr>
<tr>
<td>Humidity (non-condensing)</td>
<td>30% to 80%</td>
</tr>
<tr>
<td><strong>Physical Dimensions</strong></td>
<td></td>
</tr>
<tr>
<td>No. Mini Floppy Drives</td>
<td>4¾&quot; H x 18.0&quot; D x</td>
</tr>
<tr>
<td>No. Mini Floppy Drives**</td>
<td>16½&quot; W</td>
</tr>
<tr>
<td>Weight</td>
<td>15.0 lbs. (6.5 Kg)</td>
</tr>
<tr>
<td>Weight</td>
<td>8.5 lbs. (3.7 Kg)</td>
</tr>
</tbody>
</table>

**Software:**
- OS-65D V3.3 Tutorial Set
- High Resolution Graphics package
- WP3 Word Processor
- MDMS Planner Plus financial planning
- Plot BASIC more graphics
- DAC I musical package
- Sargon® Chess Game
- Game Disk

**Expansion:**
- Second disk drive
- CA-21 48 line parallel I/O card
- CA-22 High speed analog I/O module
- CA-23 PROM programmer
- CA-24 Solderless prototyping board

**Available Through:**

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