

MEET THE COMMODORE FAMILY



64C PERSONAL COMPUTER**

- Large 64K RAM memory
- Sprite graphics for games and education
- Music synthesizer built in
- High resolution graphics
- 16 colours
- State of the art low reflective beige casing
- Used with monitor or UHF TV
- Output for external amplifier
- Accepts plug-in application cartridges
- Full programmable user port
- 2 ports for joysticks, light pen or paddles
- Optional networking facilities available
- Fully compatible with 6502 assembly language
- Interface to many peripherals
- 1000's of programs available worldwide
- Ideally suited to the home, small business and education



128D PERSONAL COMPUTER**

- Built-in 1571 disk drive
- 128K RAM for advanced application
- User selectable 40/80 column display
- Compatible with Commodore 64 software and peripherals
- Runs off-the-shelf CPM* software
- Weights approx 9 kg
- Keyboard clips neatly onto unit
- Carry handle
- Built-in power supply
- RGBI and composite video output.



PC5**

- The first in a new generation of entry level low cost home/office computers.
- The PC5 bring IBM compatibility into the reach of home computer buyers.
- IBM PC* compatibility to run all popular IBM PC software.
 - 512K standard expandable to 640K.
 - Standard monochrome text card for crisp high resolution text.
 - Single 360K 5 1/4" floppy disk with optional second drive of 360K.
 - Mounting room for hard disk option.
 - Five IBM PC compatible expansion slots to let your system grow with you (one occupied).
 - MS-DOS 3.2 and GW-Basic (Industry standards)
 - CPU Intel 8087 floating point processor (optional)
 - Parallel printer port
 - RS 232C Port



PC10**

- IBM PC* compatibility to run all popular IBM PC Software.
 - 640K RAM to run even the largest programmes.
 - Advanced Graphics Adapter card for stunning colour and monochrome graphics.
- Functions as:
1. IBM colour graphics adaptor
 2. Hercules graphics adaptor
 3. Plantronics colourplus adaptor
 4. IBM monochrome text adaptor.
- Dual 360K 5 1/4" floppy disk drive.
 - Five IBM PC Compatible expansion slots to let your system grow (one occupied).
 - MS-DOS 3.2 and GW-Basic (Industry standards).
 - Intel 8087 floating point processor (optional).
 - Parallel port.
 - RS-232C Port.



PC20**

- IBM PC* compatibility to run all popular IBM PC Software.
 - 640K RAM to run the largest programmes.
 - Advanced Graphics Adapter card for stunning colour and monochrome graphics.
- Functions as:
1. IBM colour graphics adaptor
 2. Hercules graphics adaptor
 3. Plantronics colourplus adaptor
 4. IBM monochrome text adaptor.
- Single 360K 5 1/4" floppy disk drive plus 20MB internal hard disk drive.
 - Five IBM PC Compatible expansion slots to let your system grow with you (two occupied).
 - MS-DOS 3.2 and GW-Basic (Industry standards).
 - Intel 8087 floating point processor (optional).
 - High speed DMA hard disk controller.
 - Parallel printer port.
 - RS-232C Port.



PC40**

- 80286 CPU (16 Bit).
 - 10 Mhz processor clock (switchable to 6 Mhz).
 - 80287 arithmetic co-processor (optional).
 - 1 Mb RAM as standard, configured as 512K Base Memory, 512K Expansion Memory.
 - 200W power supply.
 - 20Mb hard disk.
 - 1.2Mb floppy disk drive 5 1/4" — 360K second floppy disk drive optional.
 - 8 fully PC/AT compatible expansion slots:
 - 6 slots with A62 and 32 pin connector, 16 bit bus.
 - 2 slots with A62 pin connector, 8 bit bus.
 - 3 slots occupied by — Graphics Adaptor; Parallel/Serial Interface; Hard/Floppy Disk Controller.
 - RS 232 Serial interface — 9 pin sub-d connector.
 - Centronics parallel printer interface.
 - Real time clock/calendar, battery buffered.
 - Keylock-switch.
 - Advanced Graphics Adaptor Card for stunning colour and monochrome graphics.
- Functions as:
1. IBM Graphics Adaptor;
 2. Hercules Graphics Adaptor;
 3. Plantronics Colourplus Adaptor;
 4. IBM Monochrome Text Adaptor.



AMIGA 500**

- CPU: Motorola 68000, 16/32 Bit.
- Clock Speed: 7.14 MHz.
- Co-Processors: 3 chip co-processor system for DMA, video, graphics and sound.
- Memory: 512K RAM standard, 1Mb Ram with optional internal Memory Expansion/Clock Calendar facility, externally expandable up to an additional 8 MByte (with AutoConfiguration feature), total max 9 Mb.
- ROM: 256K of Read Only Memory containing the Boot strap and low level Operating System routines (Kickstart).
- Keyboard: Integral, 96-keys including: 10 functions keys, separate numeric keypad, separate cursor keys (reverse "T" layout), help key.
- Disk Drive: built-in 3 1/2" disk drive (capacity: 880K formatted).
- External Drives: Power supply supports one extra external 3 1/2" disk drive (880K formatted). Floppy disk drives 5 1/4" (with integral power source).

- Video Display:** 625 lines, vertical frequency 50Hz. 512 kByte video memory (chip memory) palette of 4096 colours, 8 sprites per scanline.
- Graphic Modes:** 320 x 256 pixels, palette of 32 colours; 640 x 256 pixels, palette of 16 colours; 320 x 512 pixels, palette of 32 colours, interlaced; 640 x 512 pixels, palette of 16 colours, interlaced.
- Sound:** 4 independent sound channels configured as two stereo channels, soundbuffer up to 512K, 8 bit Digital to Analog converter.
- Speech:** Built-in English text-to-speech device.
- Power:** External power supply with ON/OFF switch.



AMIGA 1000

- The Amiga range of personal computers is the ultimate in microcomputer technology. The machines will essentially set the standard for computers in the future. Amiga offers outstanding Graphics, Sound and Animation capabilities as well as providing the Power you will need to improve the quality of your work.
- 512K usable RAM for advanced applications and increased productivity.
 - Expandable to 8 megabytes externally.
 - Superior Graphics, Sound and Animation capabilities.
 - Multi-tasking for running many applications simultaneously.
 - Palette of 4096 colours.
 - 4 channel stereo sound.
 - Music and voice synthesiser.
 - Video interface (RGB/Composite).
 - IBM-PC compatible — to run most popular IBM software.*
 - *with optional Sidecar accessory



AMIGA 2000**

- CPU: Motorola 68000, 16/32 Bit.
- Clock Speed: 7.14 MHz.
- Co-Processors: 3 chip co-processor system for DMA, video, graphics and sound.
- Memory: 1Mb (1000K) RAM as standard. Internally expandable with an additional 8 Mb, total max 9 Mb.
- ROM: 256K of Read Only Memory containing the Boot strap and low level Operating System routines (Kickstart).
- System Slots: AMIGA CPU Bus: One 86 pin slot for CPU extensions; AMIGA System bus: Five 100 pin slots with Auto-configuration feature; Secondary Bus System: Two IBM/PC and IBM/AT compatible full size slots. Two IBM/PC compatible full size slots (AT-style connectors may be added). These four slots are isolated from the rest of the system. These four slots are driven by either the Amiga PC BridgeBoard (Model A2088) or a AT BridgeBoard to be announced later.
- Video Slot: One video slot for PAL encoder for composite video.
- Power Supply: 200 watts (for base machine and extensions).
- Keyboard: Detachable, 96 keys, including: 10 function keys, separate numeric keypad, cursor keys (reverse "T" layout).
- Storage: Two 3 1/2" mounting locations; One 5 1/4" mounting location; One 3 1/2" hard shell drive supplied as standard.
- External Drives: One disk drive port.
- Video Display: 625 lines, vertical frequency 50Hz; graphic co-processor, 512K video (chip) memory, 8 sprites per scanline.
- Graphic Modes: 320 x 256 pixels, palette of 32 colours; 640 x 256 pixels, palette of 16 colours; 320 x 512 pixels, palette of 32 colours, interlaced; 640 x 512 pixels, palette of 16 colours, interlaced.
- Sound: 4 independent sound channels, soundbuffer up to 512K, 8 bit Digital to Analog converter. Low pass filter (7.5 kHz, 12 dB/Oct).
- Speech: Built-in English text-to-speech device.
- Included Items: Machine comes with keyboard, mouse, power supply, manuals and system software.

1802 COLOUR MONITOR

The 1802 is a high quality colour monitor designed to provide a superior colour picture to that obtainable from a home television set.

FEATURES

- Compatible with C64, C16 and Plus/4 or any home computer using composite video output.
- 36 cm high resolution display
- Has a port for 40 column monochrome composite signals, which is displayed in green.
- Composite video input
- Built-in audio amplifier and speaker
- Adjustable colour, brightness and contrast
- Easily displays 320 by 200 line resolutions designed for the high resolution modes of the above computers
- Capable of 40 column display
- Built-in audio amplifier and speaker for high quality reproduction of the C64's SID (Sound Interface Device) chip
- Picture attributes such as vertical and horizontal hold can be adjusted without the need to remove the cover or see a technician, even horizontal position can be adjusted in this way.
- Comes with a cable to connect the Commodore C64, C16 and Plus/4 computers.

1541 DISK DRIVE

The 1541 is a compact mass storage device for the Commodore 64 (Plus/4, C-16) computer system(s). The drive features fast data access, high capacity (170K), on board intelligence, thus relieving the computer from full time drive control. The 1541 also supports several file types, such as Program, Random, Relative and Sequential files. The 1541 also, does not require any hardware "add ons" to be used on the Commodore system and can be used in multiple. The system is also price competitive.

BENEFITS:

Once a user is using a 1541 disk drive, the operational flexibility of his/her system will increase. Self written programs will be easier to organise and locate and will load faster, as will commercial programs, compared to those on tape. The 1541 also will allow users access to data storage types, not available to tape users, allowing programs such as databases and other "Disk intensive" programs to be used.

1901 COLOUR MONITOR

FEATURES

- Compatible with C128, C64, C16 and Plus/4 or any device producing composite video output, as well as computers that output RGBI signals like most IBM compatible computers do. This includes the Commodore PC 10/20 series II computers.
- 32 cm colour screen
- RGBI and composite PAL D colour input sockets
- Separate colour, brightness, contrast, volume, RGB centering and vertical and horizontal hold controls.
- Built-in audio amplifier speaker.

MPS 1200 DOT MATRIX PRINTER

Draft mode for quick printing of long reports Near Letter Quality for business letters

- A variety of type styles, including italics, six widths and two kinds of bold printing
- High resolution graphics for charts, diagrams and illustrations
- Accepts single and continuous paper
- 120 characters per second maximum

APPLICABILITY

The MPS 1200 is supplied with a CBM Serial personality module/interface, for C128, C64, etc. An optional Centronics parallel personality module/interface can be used in place of the supplied CBM Serial personality module. To be made available at a future date.

BM13 T.T.L. MONOCHROME MONITOR

FEATURES

- DIN connector for TTL level direct drive monochrome signal
- Suitable for IBM PC compatibles with monochrome text card or emulation capabilities, such as Commodore PC series (cable supplied)
- Green High Resolution 30cm anti-glare, picture tube
- Vertically and horizontally adjustable height and contrast as well as Brightness and contrast

1201 COMPOSITE MONOCHROME MONITOR

- RCA sockets for monochrome composite signal and sound
- Suitable for C64, A500, C128 (with adapter cable) or any composite video source
- Amber 30cm anti-glare picture tube
- Built-in Speaker/Amplifier
- Controls as on BM13

1001 MONITOR

FEATURES

- Input sockets for composite video (C64 etc.), RGBI (C128, PC series with AGA card) and RGB (Amiga range)
- Input selector switch on front
- Built-in Speaker/Amplifier
- Green screen emulation for easy viewing of text
- High quality, high contrast 32cm picture tube
- Ideally suited to high quality applications, making it particularly suited to the Amiga range
- Supplied with Amiga RGB video cable
- Controls for horizontal centering, brightness, colour saturation, focus and volume on front panel
- Vertical centering, vertical height and horizontal width on back panel

COMMODORE FAMILY OF COMPUTERS

| Model | CPU | Clock | RAM | ROM | Video | Audio | Graphics | Sound | Speech | Power | Price | Notes | | | | | | | | | | | |
|------------|-------|----------|------|-----|-------|----------|----------|----------|------------------|-------|-------|-------|----|----|-----------|----|----|---|------------|----|-----------------------|----|--------------------|
| 64C | 68010 | 1 MHz | 64K | N/A | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| 128D | 68010 | 1 MHz | 128K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| PC5 | 8088 | 5 MHz | 512K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| PC10 | 8088 | 5 MHz | 640K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| PC20 | 8088 | 5 MHz | 640K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| PC40 | 80286 | 10 MHz | 1Mb | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| Amiga 500 | 68000 | 7.14 MHz | 512K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| Amiga 1000 | 68000 | 7.14 MHz | 512K | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |
| Amiga 2000 | 68000 | 7.14 MHz | 1Mb | 8K | 9 bit | Integral | 68 | Optional | Commodore Serial | No | Yes | No | No | No | 229 x 250 | 16 | No | — | Yes (1541) | No | Commodore 3 1/2" Disk | 8x | 64C uses off Power |