

REPRESENTATIVE PERSONAL COMPUTERS COMPARED

FACILITY	APPLE II PLUS	COMMODORE PET	COMPUCOLOR II-4/5	EXIDY SORCERER	SORD M100 ACE-1	SYSTEM 80	TANDY TRS80 LEVEL 1	TANDY TR880 LEVEL II
PROCESSOR/SPEED	6502/1.023MHz	6502/MHz	8080A/1.5MHz	Z80/2.1MHz	Z80/2.5MHz	Z80/1.7MHz	Z80/1.7MHz	Z80/1.7MHz
USED RAM MEMORY SUPPLIED	16K	8K	16K/32K	8K/16K	48K	4K/16K	4K/16K	4K/16K
MAXIMUM RAM AVAILABLE	48K	40K	32K	32K	48K	16K (EXTERNAL TO 48K)	16K (EXTERNAL TO 48K)	16K (EXTERNAL TO 48K)
SYSTEM FIRMWARE ROM SIZE	12K	14K	17K	4K + ROM PACKS	ROM PACKS	12K	4K	12K
ADDITIONAL ROMS?	YES (4K)	--	YES -- UP TO 8K	YES -- UP TO 20K	--	(VIA S-100 EXPANSION)	YES -- UP TO 12K	--
DISPLAY	TV OR MONITOR	INBUILT 23cm MONITOR	INBUILT 30cm MONITOR	MONITOR	30cm MONITOR	MONITOR OR TV (INBUILT MODULATOR)	MONITOR	MONITOR
COLOUR DISPLAY?	YES	NO	YES	NO	COLOUR OPTION	NO	NO	NO
KEYBOARD SIZE & TYPE	ASCII, 53 MOULDED KEYS	MODIFIED ASCII + NUMERIC 73 FLAT KEYS	ENHANCED ASCII, 71 MOULDED KEYS	ENHANCED ASCII + NUMERIC 79 MOULDED KEYS	ENHANCED ASCII (+ NUMERIC) 76 MOULDED KEYS	ENHANCED ASCII, 51 MOULDED KEYS	ASCII (+ NUMERIC) 53 MOULDED KEYS	ASCII (+ NUMERIC) 65 MOULDED KEYS
CHARACTERS/LINE, LINES ON DISPLAY	40, 24	40, 25	64, 16/32	64, 30	64, 24	64/32, 16	64, 16	64/32, 16
UPPER/LOWER CASE CHARACTERS	UPPER ONLY	BOTH	UPPER ONLY	BOTH	UPPER ONLY	UPPER ONLY	UPPER ONLY	UPPER ONLY
SPECIAL GRAPHICS CHARACTERS?	(SOFTWARE GENERATED)	YES -- 64	YES -- 64	YES -- 64 (+ 64 PROGRAMMABLE)	YES -- 32	NO	NO	NO
GRAPHICS RESOLUTION	280 x 192 (5 COLOURS) 40 x 48 (15 COLOURS)	320 x 200	128 x 128 (384 x 256)	512 x 240	(OPTION: 320 x 256 MONO, 160 x 256 COLOUR)	128 x 48	128 x 48	128 x 48
MIXED GRAPHICS & TEXT?	YES (FIXED FORMAT)	YES	YES	YES	(YES)	YES	YES	YES
CASSETTE TAPE(S)?	YES	YES -- 1 INBUILT (ANOTHER 1 OPTIONAL)	NO	YES: 2 (+ 1)	YES	YES -- 1 INBUILT (ANOTHER 1 OPTIONAL)	YES	YES
TAPE TRANSFER RATE (BAUD)	1500	1000 (2:1 REDUNDANCY)	--	300/1200	300/1200	500	250	500
CONTROL OF CASSETTE MOTOR(S)	NO	YES	--	YES	NO	YES	YES	YES
EXPANSION BUS	CUSTOM	CUSTOM (S-100)	50-PIN BUS	50-PIN (S-100)	(S-100)	48-PIN (S-100)	CUSTOM	CUSTOM
FLOPPY DISC(S) INTERFACE	(OPTION)	(OPTION)	YES: 1 INBUILT, ANOTHER 1 OPTIONAL	(OPTION)	YES: 1-INBUILT, ANOTHER 2 OPTIONAL	(OPTION)	(OPTION)	(OPTION)
OTHER FACILITIES	8 SLOTS FOR I/O CARDS BUILT-IN SPEAKER	CASSETTE FILE NAMES, 8-BIT PARALLEL PORT, REAL TIME CLOCK	VECTOR GRAPHICS, SOFTWARE, 30 I/O PORTS STANDARD	CASSETTE FILE NAMES, OPTIONAL S-100 EXPANSION UNIT	2-OCTAVE MUSIC GENERATOR, REAL TIME CLOCK	CASSETTE FILE NAMES, OPTIONAL 6-CARD S-100 EXPANSION UNIT	OPTIONAL CUSTOM EXPANSION UNIT	CASSETTE FILE NAMES, OPTIONAL CUSTOM EXPANSION UNIT
SERIAL, PRINTER INTERFACES	PLUG-IN CARDS, RS232C, CENTRONICS, ETC	(IEEE-488 INTERFACE)	RS 232C, UP TO 478 I/O PORTS	RS232C, 8-BIT PARALLEL PORT	RS232C, CENTRONICS PORT	(OPTIONS)	(OPTIONS)	(OPTIONS)
SYSTEM SOFTWARE	10K BASIC, 2K MONITOR IN ROM, EXTENDED BASIC, PASCAL, ETC	8K BASIC + 6K MONITOR IN ROM	DISC BASIC IN ROM TEXT EDITOR DOS, ASSEMBLER	4K MONITOR, 8K BASIC, WORD PROCESSOR DEVELOPMENT SYSTEM	DISC BASIC LEVEL IV, FORTRAN, ASSEMBLER	LEVEL II BASIC, MONITOR	LEVEL I BASIC (DISC BASIC, DOS, ETC)	LEVEL II BASIC, (DISC BASIC, DOS, ETC)
APPLICATIONS SOFTWARE AVAILABILITY	BROAD RANGE (MAINLY US ORIGIN)	BROAD RANGE (US ORIGIN)	LIMITED AT PRESENT	LIMITED AT PRESENT	LIMITED AT PRESENT	USES LEVEL II TANDY SOFTWARE	BROAD RANGE (MAINLY US ORIGIN)	BROAD RANGE (MAINLY US ORIGIN)
PRICE RANGE	\$1600 UP (MONITOR EXTRA)	\$1400 UP	\$2000 UP	\$1100 UP (MONITOR EXTRA)	\$2700 UP	\$600 UP (MONITOR EXTRA)	\$800 UP (INCLUDES MONITOR, CASSETTE REC)	\$940 UP (INCLUDES MONITOR, CASSETTE REC)
SUPPLIERS (IMPORTERS)	COMPUTERLAND STORES	BUSINESS EQUIPMENT SUPPLIERS, COMPUTER HOBBY STORES (HAINEX P/L)	ANDERSON DIGITAL ELECTRONICS	DICK SMITH ELECTRONICS STORES	SMALL BUSINESS COMPUTER COMPANY (SYD) ABACUS COMPUTER STORE (MELBOURNE) (MITSUI & CO)	DICK SMITH ELECTRONICS STORES	TANDY ELECTRONIC STORES & COMPUTER CENTRES	TANDY ELECTRONICS STORES & COMPUTER CENTRES