

YOU'LL BUY IT FOR THE COLOUR

YOU'LL BUILD IT FOR

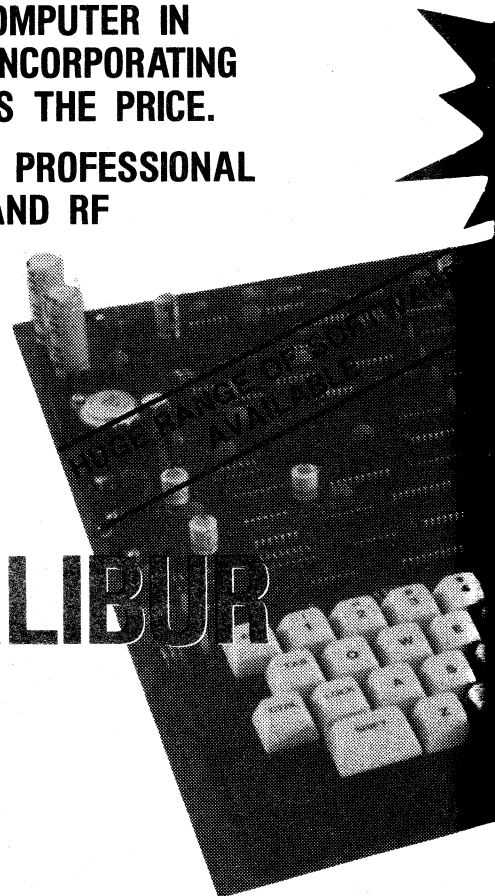
AT LAST — THE FIRST

BGR COMPUTERS BRINGS YOU A STATE OF THE ART COMPUTER. EXCALIBUR IS THE FIRST COLOUR COMPUTER IN AUSTRALIA WHICH IS AVAILABLE IN KIT FORM, INCORPORATING FEATURES FOUND IN MACHINES COSTING 3 TIMES THE PRICE.

IT USES THE POPULAR Z80 MICROPROCESSOR IC PROFESSIONAL KEYBOARD, HI RESOLUTION GRAPHICS, COLOUR AND RF OUTPUT SO THAT YOU CAN USE YOUR EXISTING COLOUR TV SET.

A POWERFUL 12K ROM OFFERS PROGRAMMING FLEXIBILITY MATCHED ONLY BY MACHINES COSTING ABOVE \$1000.

EXPERIENCE THE POWER OF EXCALIBUR



ORDER DIRECT

TO ORDER YOUR EXCALIBUR COLOUR COMPUTER KIT, ALL YOU DO IS PHONE OUR EXCALIBUR HOTLINE NUMBER, GIVE YOUR CREDIT CARD NUMBER AND NAME AND WE WILL SEND YOU YOUR KIT.

HOT LINE NUMBER:
(03) 347 0273

MAIL ORDERS
P.O. BOX 1360M,
MELBOURNE 3001

BGR COMPUTERS PTY LTD



ALL RECOGNISED CREDIT CARDS WELCOME

BRIEF SPECS.

- 12K ROM
- 32K RAM ON BOARD — SUPPLIED
- FULL SIZE 60 KEY KEYBOARD
- 8 COLOURS
- HI RESOLUTION GRAPHICS
- GRAPHIC CHARACTERS
- UPPER AND LOWER CASE
- FLASHING CURSOR
- FULL CENTRONICS PARALLEL PORT
- RS232C PORT
- 2 OCTAVE AUDIO OUTPUT
- EXTENDED BASIC
- POWER SUPPLY ON BOARD
- DIRECT VIDEO OUTPUT

AS SIMPLICITY

AND YOU'LL LOVE IT FOR ITS FEATURES

KIT COLOUR COMPUTER

ON DISPLAY AT
BRATHS ELEC.
BECKETT ST,
DURNE 3000

COMPLETE KIT
FOR AN INCREDIBLY LOW

\$349.50

INC ALL COMPONENTS, PCB,
TRANSFORMER AND MANUAL

OPTIONAL CASE AVAILABLE SHORTLY

A FULL SIZE COLOUR COMPUTER KIT

FINALLY A REALITY!

THE EXCALIBUR IS VERY EASY TO BUILD. ANY PERSON CAPABLE OF USING A SOLDERING IRON NEATLY SHOULD HAVE NO DIFFICULTY IN CONSTRUCTION. EXCALIBUR USES A VERY HIGH QUALITY PROFESSIONAL PCB BOARD INCORPORATING 'SOLDER MASK' AND MARKINGS OF COMPONENT POSITIONS.

STOCKS LIMITED — ORDER NOW

7 DAYS SATISFACTION GUARANTEE

IF YOU ARE NOT FULLY SATISFIED WITH YOUR KIT, SIMPLY RETURN IT TO US WITHIN 7 DAYS IN ORIGINAL CONDITION AND PACKAGING. WE WILL CHEERFULLY REFUND YOUR MONEY — HOW CAN YOU LOSE?

SERVICE BACK UP

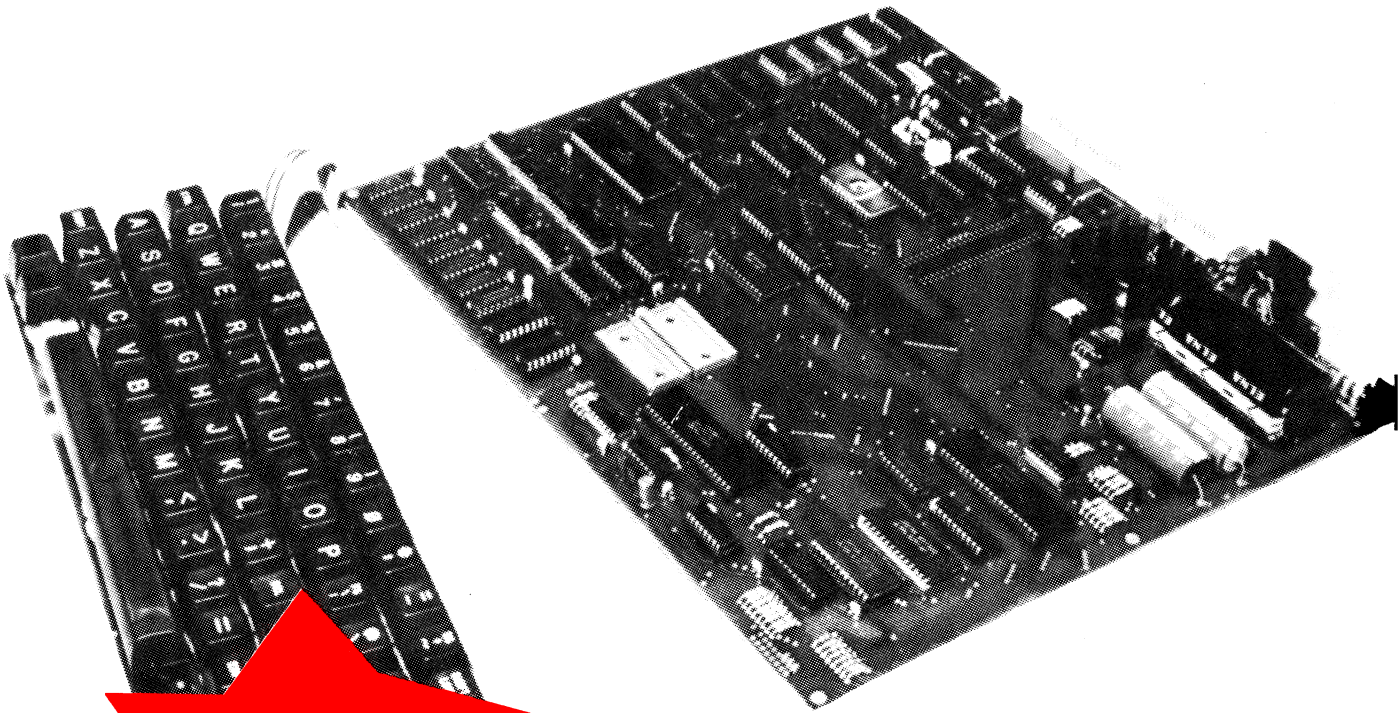
King Arthur could rely on his Excalibur and you can rely on yours! But if for some strange reason you cannot get it to operate and it is fully built using IC sockets, simply send us your complete board along with \$95 and our service centre will repair it. Inc component cost.

THE MOST ADVANCED COMPUTER KIT AVAILABLE TODAY

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

Excalibur 64

AUSTRALIAN DESIGNED AND DEVELOPED



\$399

"Introductory offer of \$399 ends 31st of October"

"ORDER NOW"

**THE PROFESSIONAL
COLOUR COMPUTER KIT**

UNBEATABLE FEATURES AT AN UNBELIEVABLE PRICE

16K ROM, 64K RAM

A powerful 16K ROM utilising extended Microsoft BASIC and a massive 64K RAM makes the EXCALIBUR 64 a truly versatile machine.

Microsoft BASIC is universally accepted as the world's most popular computer language. Thousands of books and programs have been written using this language so with the EXCALIBUR 64 you can immediately take advantage of this.

CP/M COMPATIBLE

EXCALIBUR 64 is fully expandable to Disk Drives. Shortly we will have available, in kit form a disk controller board which will plug on board the EXCALIBUR 64. You then simply run an appropriate cable to a Disk Drive of your choice. EXCALIBUR 64 will also run CP/M giving you access to hundreds of exciting software packages and making it, we believe the lowest cost CP/M colour computer in the world.

AUSTRALIAN DESIGNED

EXCALIBUR 64 is a unique and new computer which has been designed and developed here in Australia. Compare the EXCALIBUR 64 feature for feature with any other computer currently on the market and you will be convinced that it offers unparalleled value for money.

EXCALIBUR 64 has been designed and developed by BGR Computers Pty. Ltd. and a team of Australian engineers who believe that this country is as advanced as any other in the design of computer technology.

of using a small soldering iron and can solder neatly should have no difficulty in construction. This is due to our unique double sided board design which means there is no other wiring. Our board is covered with professional 'solder mask', this makes soldering much easier without the problems of bridges etc. To further simplify construction all components positions are marked on the PCB board.

IMAGINE BUILDING YOUR OWN COLOUR COMPUTER

Modern technology now makes it possible for the average enthusiast to build this highly sophisticated piece of machinery with virtual ease. Although we would not recommend this kit to the absolute beginner, it is very easy to build. Any person capable

SERVICE BACKUP

If for some reason you are unable to get your EXCALIBUR 64 to operate and you have fully built it using IC sockets as supplied in your kit, simply send us your complete board along with \$95 and our service centre will repair it. We will not complete half built kits, then get them to work: your kit must be complete before taking advantage of this service. Our service fee includes necessary replacement of components.

COMPARISON CHART

	Excalibur 64	Microbee 32K	Apple II	Atari 800	Commodore 64	Tandy Colour
Base Price	\$399*	\$569	\$2100	\$1199	\$699	\$549
ROM	16K	16K	12K	10K	20K	8K
RAM	64K	32K	48K	48K	64K	4K
Colours	16	NO	15	16	16	8
Screen Display	40 x 24 or 80 x 24	64 x 16	40 x 24	40 x 24	40 x 24	32 x 16
Resolution	640 x 288	512 x 256	280 x 160	320 x 192	320 x 200	192 x 256
RF Output	YES	NO	NO	YES	YES	YES
RS232C	YES	YES	NO	NO	NO	YES
Centronics/Parallel Port	YES	NO	NO	NO	NO	NO
Extended Microsoft BASIC	YES	NO	YES	NO	NO	NO
CP/M Compatible	YES	NO	NO**	NO	NO**	NO
Power Supply Built-in	YES	NO	YES	NO	NO	NO

* Does not include case
**Will accept modified CP/M

TECHNICAL SPECIFICATIONS

CPU:	Z80A	Cursor:	Flashing block
Clock Speed:	3.5 Mhz	Video:	RF output or Direct video output
RAM:	64K	Keyboard:	Full size 64 key (QWERTY layout) 4 programmable function keys
ROM:	16K	Cassette Interface:	Built in: Software controlled at 1200 and 300 baud
Screen Memory:	2K (separate from User RAM)	I/O Ports:	Serial: RS232C Parallel: 8 bit centronics compatible
Language:	Extended Microsoft BASIC	Expansion:	2 expansion sockets providing all major Z80 control lines
Colour:	16 foreground and 8 background colours	Audio:	Programmable under BASIC
VDU Display:	24 lines by 40 characters 7 x 12 dot matrix (TV or monitor) 24 lines by 80 characters 7 x 12 dot matrix (monitor required) Low resolution: 320 x 288 pixels High resolution: 640 x 288 pixels Dot bit addressable graphics	Power Supply:	On board
Graphics Mode:	128 programmable characters 96 ASCII characters (upper and lower case) 128 graphic characters	Optional Accessories:	Professional case. Disc controller board (kit form).

BGR
COMPUTERS P/L

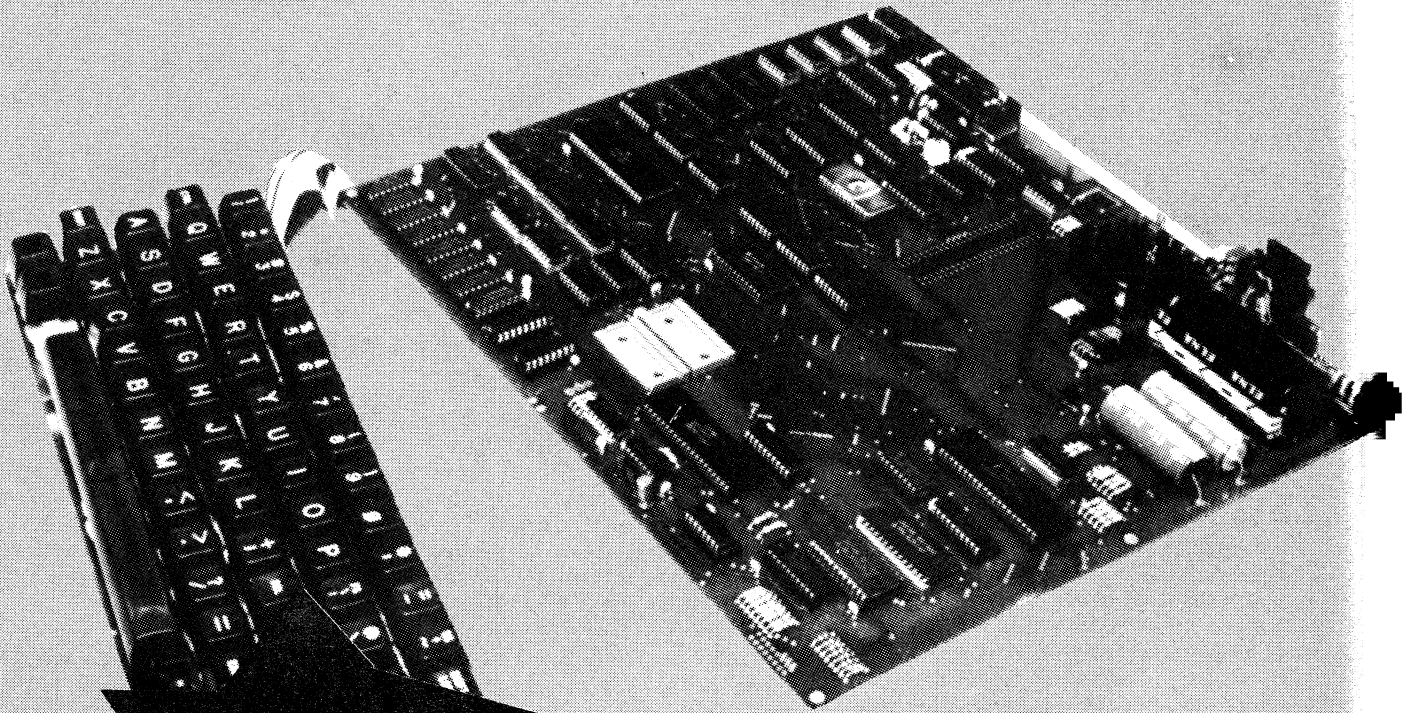
PHONE ORDERS AND ENQUIRIES: (03) 267 2147
MAIL ORDERS: G.P.O. BOX 5302BB, MELBOURNE, 3001
SHOWROOM: SHOP 13, GROUND FLOOR, FAWKNER TOWERS,
431 ST. KILDA ROAD, MELBOURNE, 3004



SAVE TIME - ORDER DIRECT

Excalibur 64

AUSTRALIAN DESIGNED AND DEVELOPED



\$549

OPTIONAL:
Fully assembled and
tested, add \$70.00

"ORDER NOW"

**THE PROFESSIONAL
COLOUR COMPUTER KIT**

Excalibur 64



\$699 will buy you the newest and most exciting educational, home and business computer available on the market today!

BGR COMPUTERS PTY LTD ARE PROUD TO ANNOUNCE THE LAUNCH OF THE FULLY AUSTRALIAN MANUFACTURED EXCALIBUR 64 PERSONAL HOME COMPUTER.

- 64K RAM
- EXTENDED MICROSOFT BASIC
- RF, VIDEO AND RGB OUTPUT
- DISPLAY 40 x 24 OR 80 x 24
- CENTRONICS PARALLEL PORT
- FULL RS232C PORT
- 16 COLOURS VIDEO OR RF
- 27 COLOURS RGB
- RUNS CP/M 2.2
- 640 x 288 RESOLUTION
- 300 OR 1200 BAUD CASS INTERFACE
- FULL SIZE QWERTY KEYBOARD

COMPARE THE EXCALIBUR 64 FEATURE FOR FEATURE WITH ANY OTHER COMPUTER ON THE MARKET. YOU WILL BE CONVINCED THAT IT OFFERS UNPARALLED VALUE FOR MONEY.

COMPARISON CHART

FEATURES	EXCALIBUR 64	MICROBEE IC 32K	APPLE II	ATARI 800	COMMODORE 64
RAM	64K	32K	48K	48K	64K
ROM	16K	16K	12K	10K	20K
Microsoft BASIC	Yes	No	Yes	No	No
Colours	27	No	15	16	16
Screen display	40 x 24 or 80 x 24	64 x 16 or 80 x 24	40 x 24	40 x 24	40 x 24
Resolution	640 x 288	512 x 256	280 x 160	320 x 192	320 x 200
RF, Video and RGB	Yes	No	No	No	No
Runs CP/M 2.2	Yes	No	No	No	No
RS232C	Yes	Yes	No	No	No
Centronics/Parallel Port	Yes	No	No	No	No
Power supply built in	Yes	No	Yes	No	No

The EXCALIBUR 64 is a fully complete computer. Unlike most other computers there are no hidden extras, no expensive options to add to a low base price. The EXCALIBUR 64 was designed with the user in mind, offering a massive 64K RAM with actual 48K user RAM – extended Microsoft BASIC, an

industry standard – CP/M 2.2 compatability allowing you access to thousands of currently available programs. Highly functional two piece case offering flexibility and professional operation – Full size raked QWERTY keyboard – fully expandable to a complete business system.

THE EXCALIBUR 64.

THE COMPUTER YOU HAVE BEEN WAITING FOR HAS FINALLY ARRIVED

And what's more it's fully Australian designed and developed.

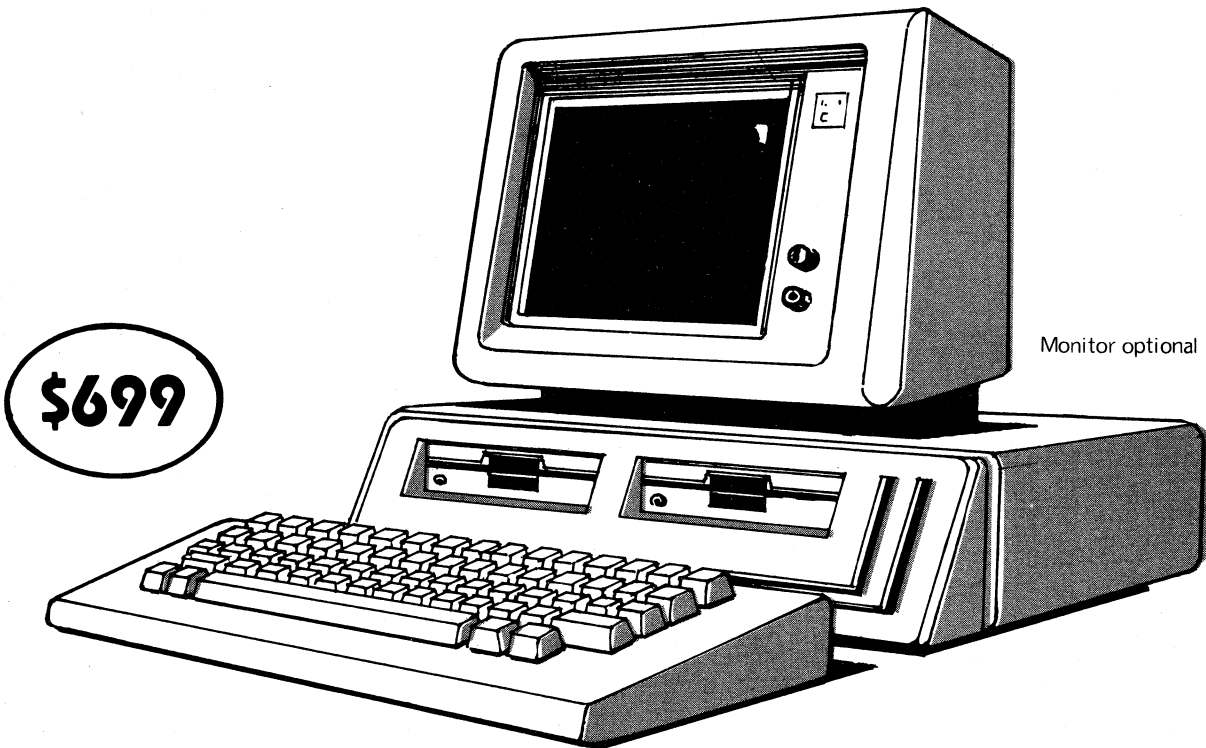
THE MOST POWERFUL COMPUTER AND THE LOWEST COST CP/M BASED
SYSTEM AVAILABLE TODAY.

Your EXCALIBUR 64 can be expanded into a fully fledged business machine with performance and price that will leave you and your accountant jumping for joy. Just add our optional disc controller board and add drives of your choice.

There's never been a computer available before with the sophistication of the new EXCALIBUR 64.

For the serious personal computer user, it offers truly outstanding performance. For the first time computer

user, the EXCALIBUR 64 allows you access to play games with spectacular graphics and colours. The graphics and colour capabilities of the EXCALIBUR 64 are unmatched by any other computer under \$1500. For business use the EXCALIBUR 64 allows you access to accounting packages, time management, business systems and statistical analysis. For the family you can have fun with action games, adventure games and educational programs, which you can plug directly into your home television set.



DISK CONTROLLER BOARD: \$299

Plugs on board the EXCALIBUR 64. 5¼ or 8 inch drives. Will run up to four drives single sided

single density or double sided double density under software control.

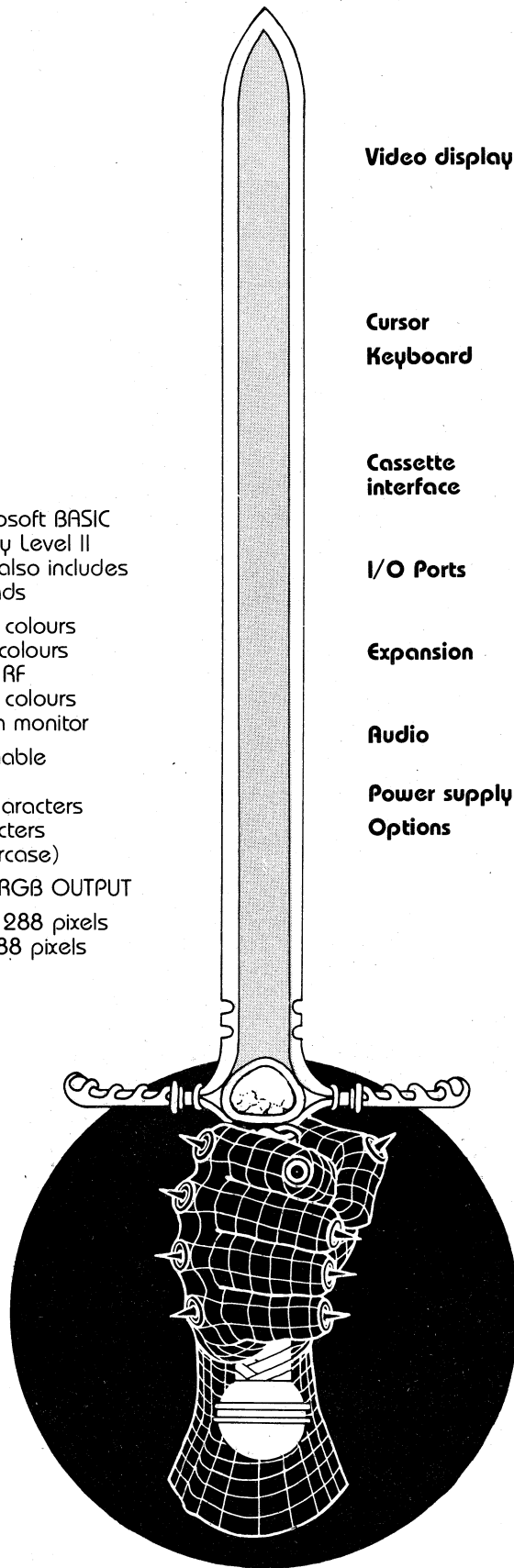
EXCALIBUR 64

THE MOST POWERFUL, FLEXIBLE AND BUSINESSLIKE MACHINE IN ITS CLASS

EXCALIBUR 64
TECHNICAL SPECIFICATIONS

CPU 280A
Clock speed 3.5 Mhz
Total RAM 70K
Screen Mem 2K
Colour Mem 2K
PCG Mem 2K
User RAM under Disk drives 64K
Actual user RAM under BASIC 48K
Language Extended Microsoft BASIC
 Similar to Tandy Level II
 Disc Basic but also includes
 colour commands
Colour 16 foreground colours
 8 background colours
 using video or RF
 27 foreground colours
 using RGB with monitor
Graphics mode 128 programmable
 characters
 128 graphic characters
 96 ASCII characters
 (includes lowercase)
Video RF, video and RGB OUTPUT
Resolution Low res 320 x 288 pixels
 Hi res 640 x 288 pixels

Video display 24 lines x 40 characters
 7 x 12 dot matrix
 (TV or monitor)
 24 lines x 80 characters
 7 x 12 dot matrix
 (monitor preferred)
Cursor Flashing block
Keyboard Full size 60 key
 QWERTY layout
 4 programmable function
 keys - 8 functions
Cassette interface Built in
 software controlled at 1200
 and 300 baud - Kansas City
 (counter timer circuit)
I/O Ports Serial. full RS 232C
 Parallel. 8 bit centronics
 compatible
Expansion 2 expansion ports on
 board each providing all
 major control and data lines
Audio Single channel 3 octaves
 programmable under BASIC
Power supply On board
Options Disc controller board
 Direct connect Modem



EXCALIBUR 64.