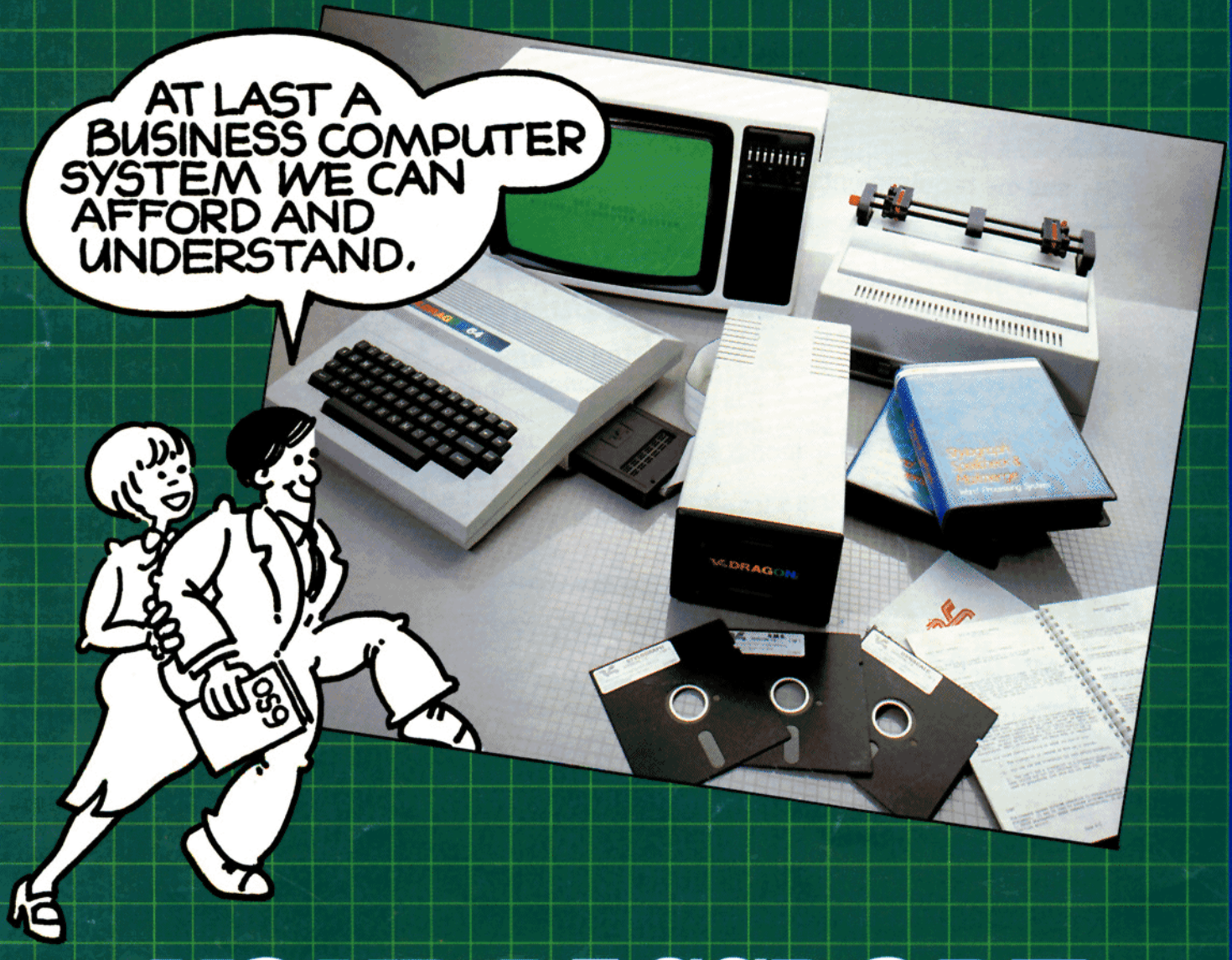
G&C DRAGON

SMALL BUSINESS SYSTEMS



YOUR PASSPORT TO PROFESSIONAL SOFTWARE

Introducing the Dragon Business Computer System

A Dragon business computer system typically consists of a single disk drive unit (fast information storage/retrieval device) a Dragon 64 computer with direct connections for a domestic TV or monitor (high quality visual display), application software and a printer.

It may be purchased as a complete business pack or as separate units to suit the requirements of the user.

A Powerful Yet Inexpensive Business Computer System

The Dragon system is a very powerful yet affordable computer system with all the facilities required by the small businessman, shopkeeper and other professional persons. It is primarily a business machine with excellent software (off the shelf programs), but can also use the wide range of entertainment and educational software available for the popular Dragon 32 home computer.

The Dragon OS9 is a true professional system offering exceptional quality and value.

How the Dragon System is Different

Quite simply, it is different because it uses an advanced operating system. The user does not need in depth technical knowledge, but the benefits soon become apparent:-

★ The operating system uses top quality professional software usually only found in much more expensive computing systems. Everything is fully tried and tested so you are assured of first class results.

★ Data created in one software application can be employed by another software application, avoiding the need to duplicate work.

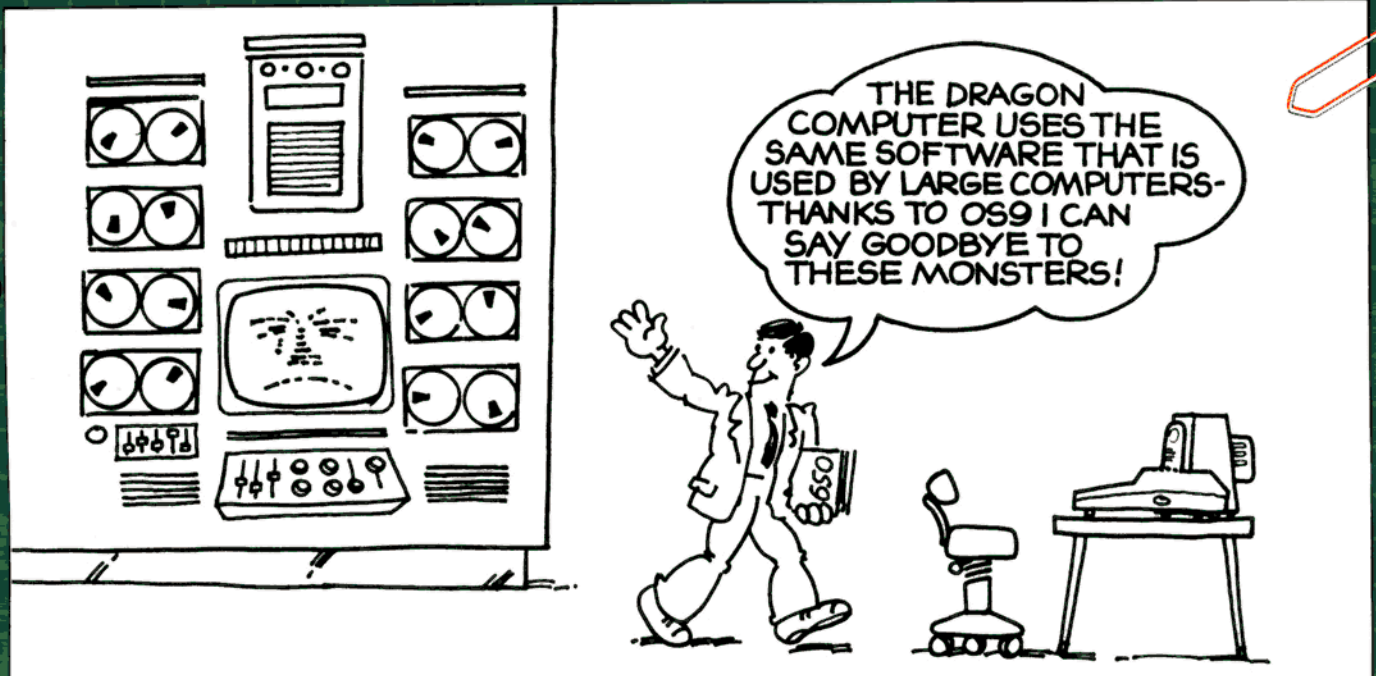
★ Software and data can be taken to another computer using the same operating system. If you eventually outgrow your initial system, there is no need to re-enter data or learn how to use different software.

★ Professional computer language compilers are available, e.g. BASIC 09, PASCAL, C.

This total package adds up to a low cost, low risk system, ideal for anyone looking for a truly professional, advanced computer system — without breaking the bank.

The Importance of the Operating System

The choice of operating system is most important since it is this that forms the foundation of the computer's software. It is the master control program that interfaces all the applications software, such as word processor, spreadsheet, database, etc., to the computer itself.



The character and performance of the computer is therefore vitally linked to the operating system it uses. The Dragon operating system is called OS9, created by the same people who designed the 6809E microprocessor chip at the heart of the acclaimed Dragon 64 computer and together they provide an outstanding efficient and powerful combination.

Top Quality Software Guaranteed

OS9 is a very advanced operating system which is used on computers costing many thousands of pounds and employed throughout major businesses. The Dragon computer system uses the same software that is used by these large computers. This is your guarantee of top quality, professional software without the 'professional' price tag.

The Dragon system is the first low cost computer system to offer a real professional operating system, along with the enormous benefits of top quality software. OS9 has many advantages over other operating systems (see OS9 Technical Information section), which will be appreciated as the user becomes experienced.

Dragon Customer Support

The Dragon OS9 system gives you quick easy access to some of the very best professional software around.

The comprehensive but easy to follow instruction manuals get you started right away. No previous knowledge or experience of computers or software is required and the practical instructions, coupled with demonstrations where applicable means you learn as you go along.

Then as you become more experienced and confident you can add on extra software to broaden the applications of the OS9 system.

The OS9 family of advanced software is not only more powerful than most other microcomputer software, it is also much easier to understand and use.

Customer support is planned to continue with a telephone enquiry service, user training seminars, information bulletins and after-sales repair service. Please ask your local dealer for details, he will be pleased to answer any questions.

I want to learn about computers and how they may help me, but where do I start?

The Dragon system is ideal for the newcomer because it enables you to quickly become involved in real computing without the headaches. The system offers quality business software at a down to earth price.

Many home computers now offer low cost business software, what is special about Dragon?

The Dragon system uses an advanced operating system and application software which is used on major business computers. All Dragon software has been tried and tested on these larger machines and is therefore software with a true pedigree.

Why is the Dragon system low risk?

It is inexpensive. It supports top quality software currently in use on larger machines. The added tutorials make it easy to use and understand. Also, as your requirements grow, the software and data is transportable to larger OS9 computers. This means that you won't have to buy and learn how to use new software or re-enter all your existing data.

What can I do with my Dragon system?

All of the most useful applications are available: word processor, spreadsheet, database, accounts and stock control. With sales and purchase ledger to follow, Dragon has a policy of continually adding new, high quality applications to the software range. Please consult your dealer for the latest information, he will gladly demonstrate any new development for you.

How is the programmer catered for?

Dragon computers are renowned for their programmability and the Dragon Business System maintains this tradition. The OS9 operating system (based on UNIX* widely used in university circles) is very much the system of the future and supports the high level languages BASIC 09 and PASCAL as well as the C Compiler and an Editor/Assembler/Debugger for the 6809 pseudo-16 bit microprocessor.

What is special about my Dragon system?

The Dragon system has the advanced capability of handling many tasks simultaneously.

For example it will enable you to print a report while at the same time making copies of disks etc.

Is a large software range an advantage?

Often more software means duplication of similar material. This only complicates the buying decision. Dragon has taken great care to offer only software which is simply the best for each application without unnecessary duplication.

Dragon has the answers

Using the Dragon Computer System in your business will save you time and keep you better informed.

Shopkeeper

"We use the STOCK RECORDING SYSTEM to show how individual lines are moving. We are able to devote our valued resources to the most profitable lines and ensure that we never go out of stock. Also the CASH BOOK & VAT REGISTER SYSTEM means we have more time to attend to our business and spend less on our accountant!"

Small Business

"We use the CASH & VAT REGISTER SYSTEM because it dramatically reduces the time we have to spend on the accounts and shows us our current financial position instantly, whenever we want to know. We also use the RMS database to hold all the customer details we need, and in conjunction with the STYLOGRAPH word processing system, we can produce mailings simply, efficiently and accurately to gain increased profit. No more ploughing through Yellow Pages!"

Professional/Executive

"We use DYNACALC spreadsheet to prepare sales forecasts, budgets, etc. Amended figures update the entire sheet instantly on entry. This means we can see the effect of any changes at the touch of a button. The convenience and time saved using the Dragon system makes the pencil, paper, finger-in-the-air technique look ridiculous".

Family

"Having bought the Dragon system for my work, we find it is also in great demand at home. The whole family wants to use it — for video games, education, household finances, learning how to program — not to mention giving me a challenging game of chess!"

The Book Keeper Series

The Book Keeper series is a collection of applications specifically designed for use by the small to medium-sized trader. The user is guided by a series of "on-screen menus" (more à la carte than table d'hôte) from which the desired option is selected, making these applications very easy to use.

Cash & VAT Register System

Work in a similar way to your manual system but with all the speed and accuracy that only a real computer can provide!

You can:-

★ Record all VAT-liable transactions and obtain a printed report of VAT Return and VAT audit trail automatically.

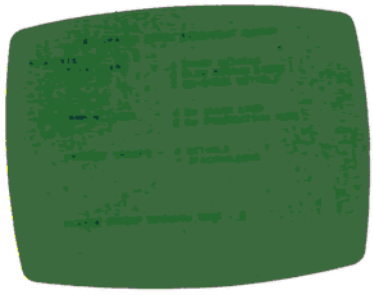
★ Record cash book and bank account transactions enabling instant access to the current financial state of your business.

★ Tighten up credit control through automatic listing of overdue payments.

Stock Recording System

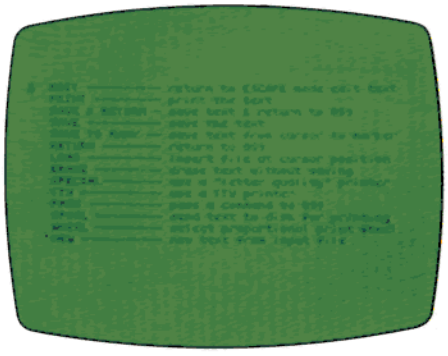
★ Know when to order stock based on current use and delivery times.
★ Know what is in stock without a trip to the stockroom.
★ Know how much cash is tied up in which stock items.
★ Know which items are slow moving and use your cash more efficiently.
★ Know which items are fast moving and avoid out-of-stock situations.

Plus you can obtain up-to-date printed reports on stock valuation, movement, re-order requirements, usage history, transactions and end of period statistics.



Look out for the Sales and Purchase Ledger packages also in this series.

Stylograph — Word Processor



Simply start typing and what you see on the screen is what you will get on the printer!

You can:-

★ Produce impressive documents and letters in quantity to send to clients or potential clients.
★ Create individual personalised letters faster and with fewer mistakes than with a conventional typewriter.
★ Reproduce any repetitive detail in your typing at the touch of a button.

Spellcheck — The Spelling Checker

Simply type 'spell' followed by the name of the document and your text will be compared with approximately 42,000 commonly-used words in the spellcheck dictionary!

You can:-

★ Eliminate spelling errors.
★ Create a supplementary dictionary of your own frequently-used words.

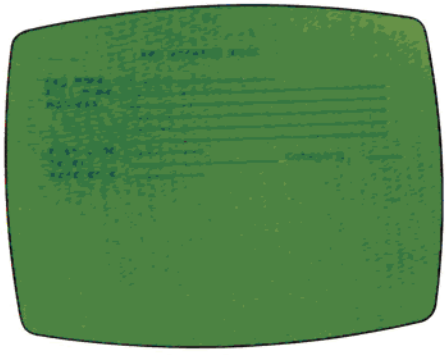
Mailmerge — The Complete Text Manager

You can:-

★ Create large documents from smaller sections of text.
★ Print multiple copies while you continue with another computing task.
★ Send personalised letters to people on your mailing list.
★ Create standard letters and insert specific details as required.

★★ Stylograph/Spellcheck and Mailmerge are supplied together on a single disk forming a complete word processing system.

RMS — The Record Management System



An extremely versatile database management system which allows users to tailor the way in which records are stored and retrieved to suit their own particular requirements.
You can:-

★ Keep records, customised to your own needs.

★ Access records quickly and easily.

★ Retrieve selected pieces of information from your records according to your own requirements.

★ Create your own fast-access electronic filing system for invoices, purchase orders, stock control, etc.

★ Integrate with Stylograph for mailing lists, overdue account reminders, order acknowledgements/expediting, etc.

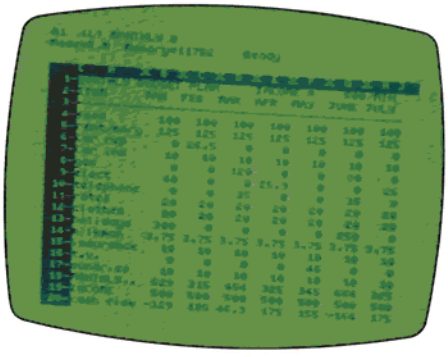
DYNACALC — The Electronic Spreadsheet

Enter titles, values or formulae in an instant with clear on screen display.
You can:-

★ Set up complex calculations involving variables and view the effect, on the entire sheet, of changing any variable — instantly!

★ Revise budgets, cash flows, sales forecasts, business plans, etc. and obtain a neat printed report incorporating all the updated figures.

★ Perform "what if?" calculations accurately and instantly.



Professional Programming Power

Basic 09

A structured interactive compiler with PASCAL-like enhancements, BASIC 09 allows multiple, independent, named procedures. Line numbers are optional. Procedures are called by name with parameters. Supports extended data structures with byte, integer, real, Boolean, and string data types. Three dimensional arrays are allowed. Interfaces with graphics functions. Has powerful interactive debugging and editing facilities. Provides high speed, high accuracy mathematical functions.

Pascal

A structured, modular language PASCAL gives programmers an almost perfect medium for concise expressions of solutions to complex problems. Traditionally microcomputer versions of PASCAL have been quite limited and much slower than their mainframe counterparts. OS9 PASCAL narrows the gap considerably due to the 6809 being designed specifically to execute high level languages such as PASCAL and the ability to use disk space as "virtual memory" allowing programs which are much larger than memory size to run. OS9 PASCAL also supports "P-code" allowing greater transportability of software.

C Compiler

A system implementation language rapidly growing in popularity. C was originally written for the UNIX (TM) operating system so that almost any application written in C can be transported from a UNIX(*) system to an OS9 system and correctly executed. OS9 C is implemented almost exactly as described in the book entitled "The C Programming Language" by Kernighan and Ritchie.

Dragon product policy is one of continual development and expansion. Please consult your dealer for details of the latest hardware and software availability.

OS9 Macro Text Editor/ Assembler/Interactive Debugger

An extremely powerful and easy to learn test preparation system and 6809 assembler. The assembler incorporates built-in functions for calling OS9, generating memory modules, encouraging position independent code, and maintaining separate program and data sections. It can also be used with PASCAL and C. The debugger can be used with system diagnostics, I/O interface testing, as well as 6809 code. A calculator mode is incorporated to compute address, radix conversion and other mathematical problems.

OS9 System Manual

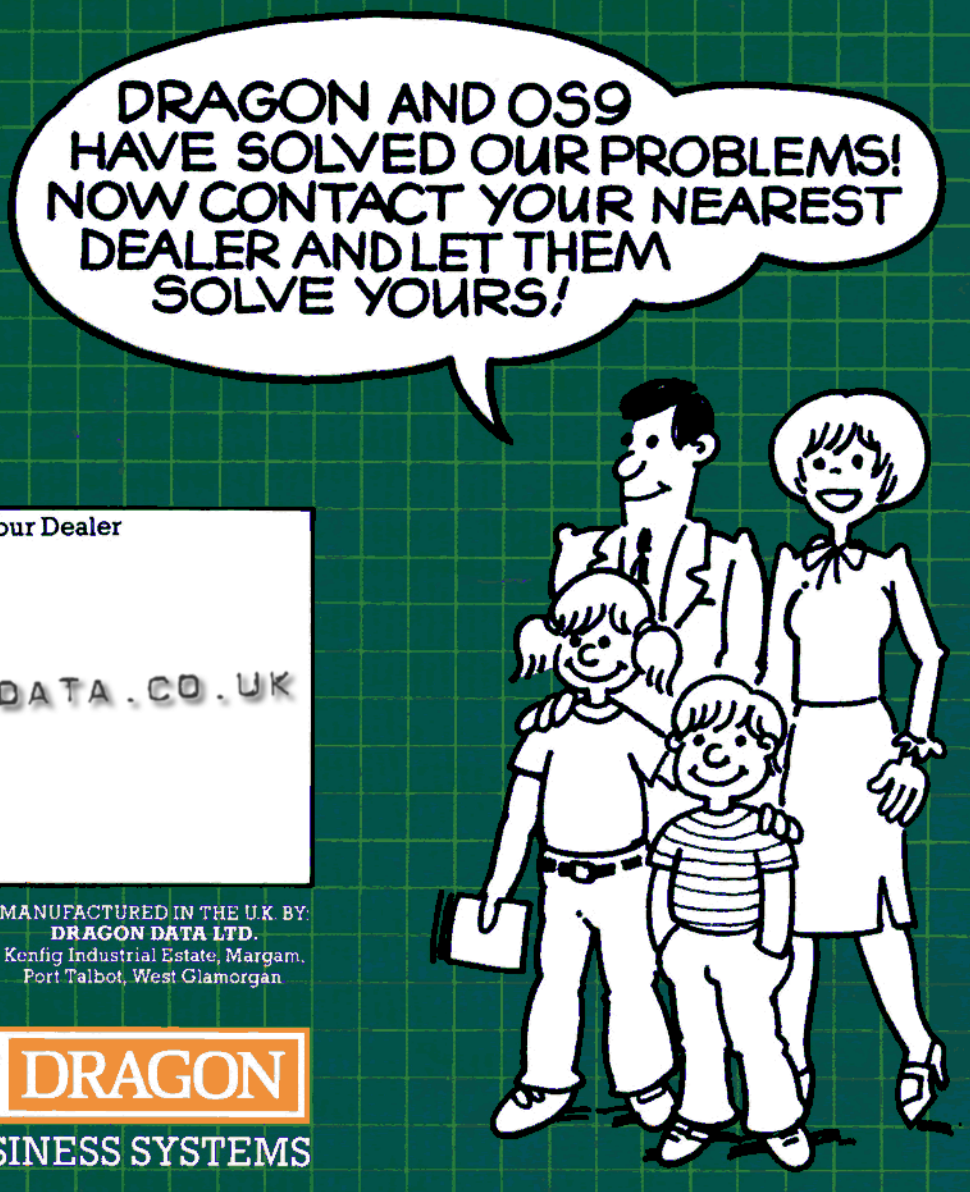
If you want to get off to a flying start in computing with your Dragon 64 an instruction manual will prove invaluable.

With a Dragon 64, a single disk drive, and a TV or monitor will give you a first rate business system. Add a printer and you can tackle all the reports you will ever need.

OS9 Technical Information

★ Friendly UNIX(*) — like user interface and environment.
★ Multi-user/Multi-tasking Real-Time operating system allows local area networks and simultaneous printing/computing access.
★ Generates a 51 column by 24 row screen format for the Dragon 64 computer with true upper and lower case extended character set, reverse video and on-screen underline.
★ Efficient memory usage through dynamic memory allocation.
★ Device-independent interrupt-driven input/output system.
★ Fast random-access file system.
★ Multi-level hierarchical directory file system.
★ Readily expandable and adaptable design.
★ Enables high degree of software portability.
★ Industry standard for the 6809 microprocessor.
★ Extensive support for structured, modular programming.
★ Supports PASCAL, BASIC 09, C and Editor/Assembler/Debugger.

★ Unix is an operating system designed by Bell Telephone Laboratories which is becoming widely recognised as a standard for mini and micro computers because of its versatility and elegant structure. OS9 is a registered trademark of Microware Systems Corp.
GEC is the trademark of the General Electric Company.



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