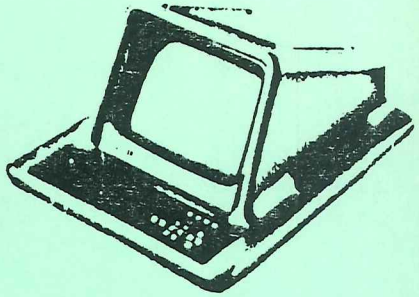
POLYCORP

EDUCATIONAL COMPUTER SYSTEM



BRIEF HARDWARE SPECIFICATIONS

PROCESSOR
- 6809 CPU
- 64K Dynamic Memory
- 2K Static Memory
- 4K System Prom
- 16K Basic Prom
- Memory Management Unit
- User Interface
- Programmable Timer
- Network Interface

KEYBOARD
- Full upper/lower case with caps lock
- Four cursor control keys
- Numeric keypad
- Editing keys
- Calculator/Help key

VIDEO DISPLAY
- 35 cm colour display
- Range of Screen Formats:

  Dual 40 Column by 24 line text - 8 colour
  Single 80 Column by 20 line text - 8 colour
  Single 480 x 204 Pixel graphics - 8 colour
  Dual 240 x 204 Pixel graphics - 8 colour

  Screens may be displayed singly or in a range of combinations using mixing or overlaying.

COMMUNICATIONS
- Network — Fully automatic serial ring using HDLC format.
- User Port — Serial, bidirectional link using optical isolation.

CABINET
- Two piece moulded fibreglass. The design is such that there are no holes for external access of dust and moisture, cooling is by natural convection.

POWER SUPPLY
- Input 230 $\pm$ 13% volts AC 50 Hz.

TEMPERATURE RANGE
- 0^{o}C to 40^{o}C Ambient

WHAT IS THE POLY SYSTEM?

The Poly System is a network of extremely versatile computers that share a single disk storage unit and printer.

The network is fully automatic and may contain any number of Poly units between one and sixteen. No special operator skills are needed for setting up or operating the system.

WHY WAS THE POLY SYSTEM DEVELOPED?

Throughout the world there is a growing awareness of the important role that computers are beginning to have in education. It is essential that we prepare children for life in a world of technology. For some of them computers will be a vocation; for some, computers will be an essential tool that they use in some other vocation; and for many, computers will be seen as an influence on their lives that they will have to learn to live with.

By providing suitable computer equipment to schools all three of the above groups can be catered for. The vocational interests of the first two groups are satisfied by providing appropriate computer studies and the needs of the last group can be met indirectly by using the computer as a teaching aid in general study areas. The Poly Educational Computer System has been developed in New Zealand specifically to meet these needs.

ACTIVITIES THAT CAN BE PERFORMED ON THE SYSTEM

- drill and practice
- simulation
- computer aided learning
- computer aided instruction
- games
- student evaluation
- class records
- school administration

COURSEWARE

The courseware available sets new standards for courseware on computers. It is designed for simplicity of use, robustness, and through a combination of colour, diagrams and animation, provides a valuable aid to the teacher which is stimulating, visually attractive and educational to the pupils. Throughout all courseware consistent presentation standards are maintained. This has been achieved through the use of powerful aids for the generation of the programs. All courseware embodies the highest professional software standards.

FOR FURTHER INFORMATION ON THE
POLY EDUCATIONAL COMPUTER SYSTEM
PLEASE CONTACT:

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EDUCOMP

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THE POLY SYSTEM HAS BEEN DEVELOPED IN NEW ZEALAND TO FULFIL TWO MAJOR ROLES IN NEW ZEALAND SCHOOLS

- TO HELP STUDENTS TO ADAPT TO AN INCREASINGLY COMPUTER ORIENTATED WORK PLACE
- TO PROVIDE A POWERFUL TEACHER SUPPORT TOOL THAT CAN BE USED ACROSS A BROAD RANGE OF SUBJECTS