

Model 980A

\$3,475

Quantities 1 to 100
with hardware multiply and divide
and many other built-in standard features

TI continues its leadership in price and performance with the new Model 980A general purpose computer.

The 980A, as with the 960A, is a fast, powerful and flexible 16-bit computer at a low unit price with all the features, built-in and *standard*. Consider these many standard features, compare the price and you'll see why the 980A is the most cost-effective general purpose computer available today.

- Hardware, multiply/divide with 16 or 32-bit add and subtract
- 750-nsec add immediate
- 5.25- μ sec multiply
- 750-nsec, full-memory cycle time
- Bit/byte/word/byte string data addressing
- Memory parity
- Programmable memory protect and privileged instructions
- Power fail/auto restart
- Power supply to support 65K memory
- Memory biasing (dynamic relocatability)
- I/O bus with 4 ports basic (expandable to 14 in basic chassis, 256 overall)

CPU with 4K memory	\$ 3,475
CPU with 8K memory	\$ 4,975
CPU with 16K memory	\$ 7,975
CPU with 32K memory	\$13,975

(prices are FOB Houston and do not include illustrated tabletop cabinet)

- Main chassis semiconductor memory expandable to 32K. (Up to 65K with memory expansion unit: Two weeks memory protect with optional battery)
- Full, lockable front panel with break point and 4 sense switches
- Switch-initiated ROM bootstrap loader
- Auxiliary processor port
- Direct memory access channel (expandable to 8 ports)
- Four priority interrupts standard (expandable to 64)
- 98 basic instructions (16, 32 or 48 bit)
- 9 addressing modes
- 8 working registers plus status register

A pre-generated standard software system is supplied which allows the user to generate custom system software. Additional soft-

ware for the 980A includes:

- Symbolic assemblers and cross-assemblers for IBM 360/370
- FORTRAN IV
- Link and source editors (object and source)
- Modular executive control routine including disc management
- TI Language Translator (TILT) to extend FORTRAN, assembly, or create special application languages
- Service maintenance, debugging and utility programs.

For applications support, TI offers the resources of its experienced Applications Engineering group. Also, training courses on 980A software and hardware are scheduled regularly, and TI service facilities are located throughout the United States and abroad.

Would you like to know more about the new 980A price/performance leader? Write to Computer Products Marketing Manager, Texas Instruments Incorporated, P.O. Box 1444, Houston, Texas 77001. Or call (713) 494-2168 or any of the sales offices listed below.



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