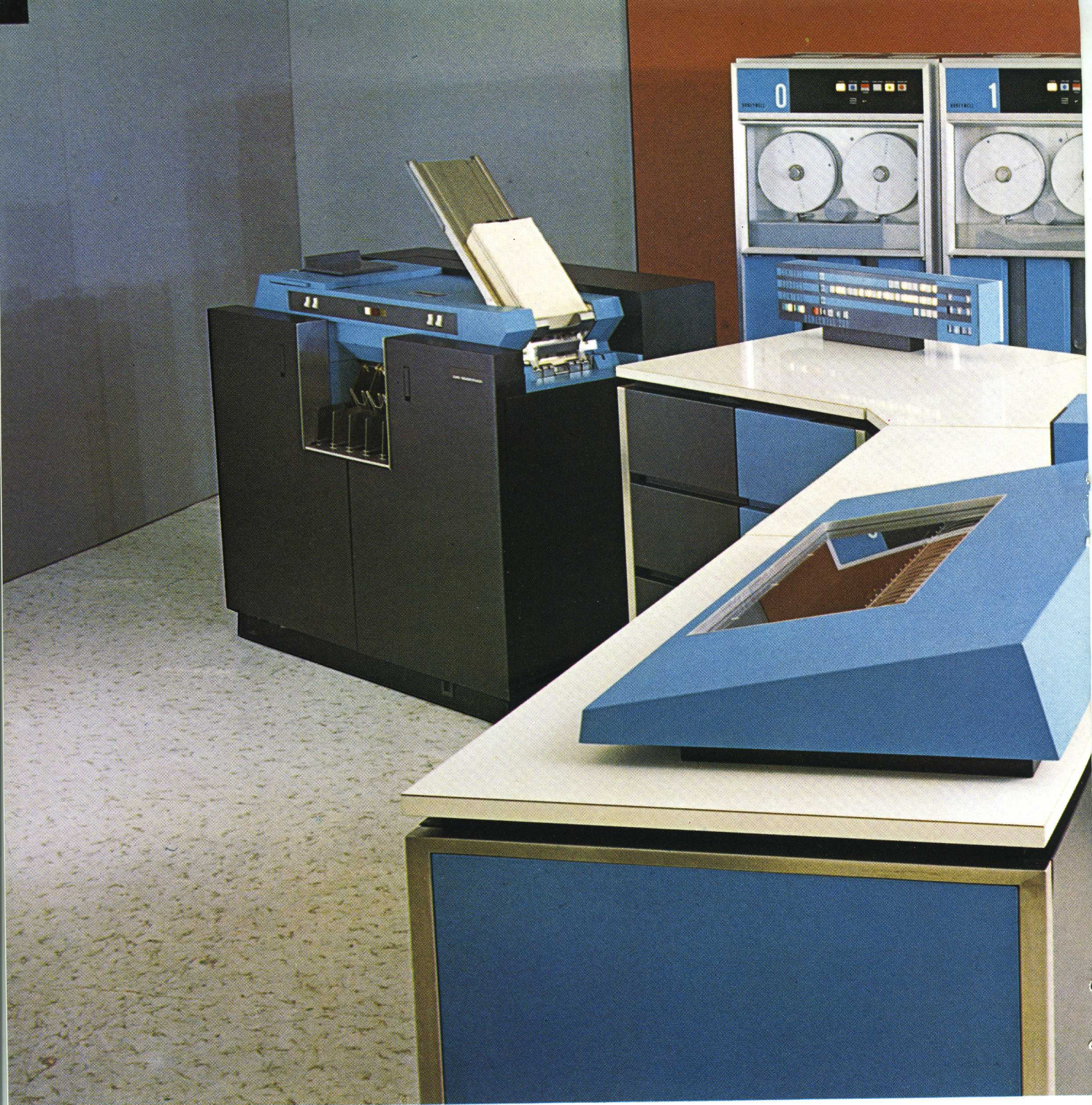




**No small
computer
ever did
so much
...no big
computer
ever cost
so little!**





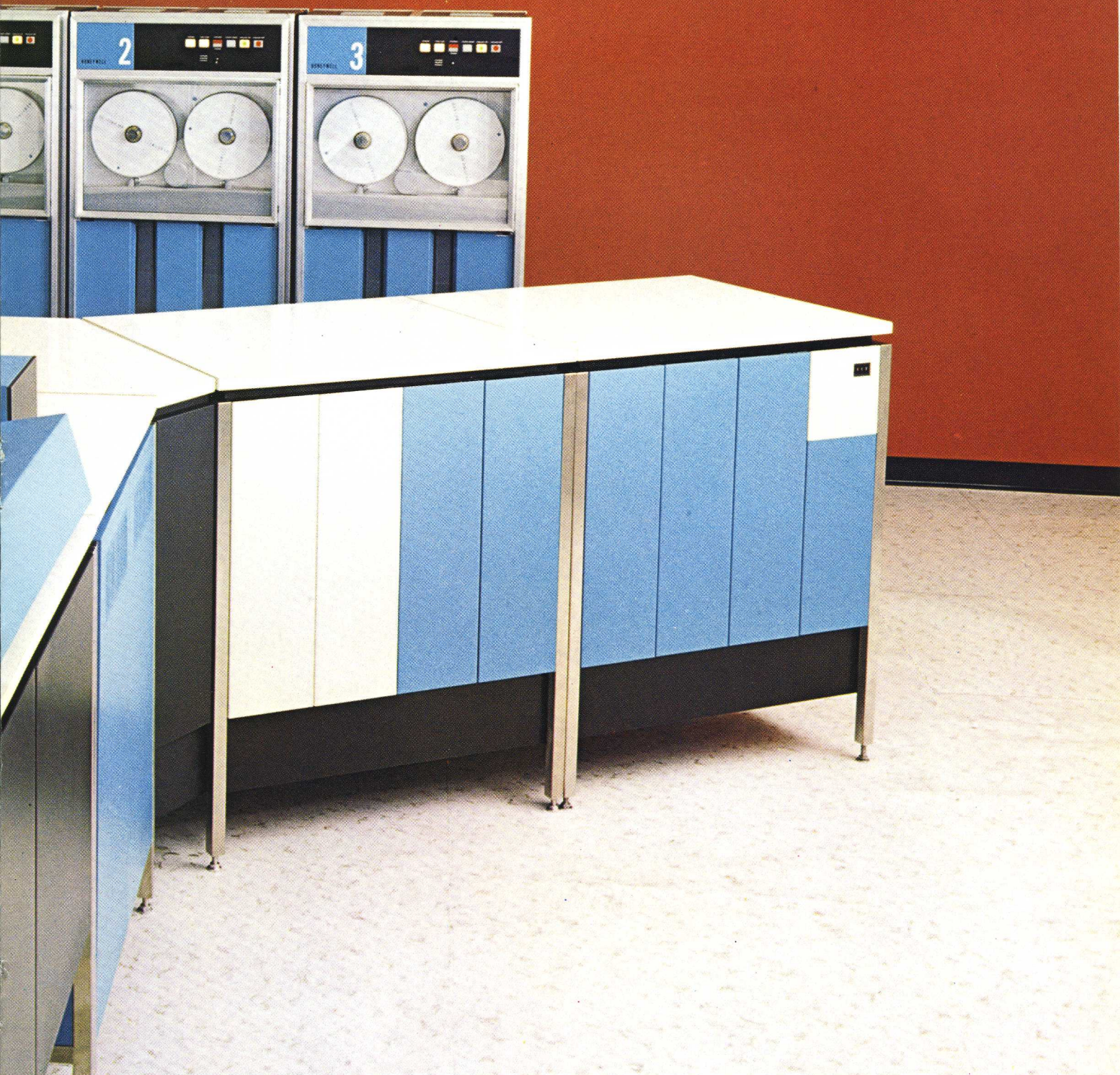
Honeywell announces the H-200.

It is the first low-cost business computer with large-system speed and performance.

The new H-200 rents for as little as \$3,160 per month, has speeds three to five times faster than any small system and many larger ones.

With up to eight input and eight output trunks, the H-200 can accommodate a wide range of peripheral devices. Up to four peripheral operations can be performed simultaneously with computing. (More than any other small computer.)

Unique table-top design permits



imaginative, space-saving configurations and reduces intercabling to the point where raised flooring is no longer needed.

The H-200 outperforms all other low-cost computers as either a free-standing system or a satellite for larger computers. Fully compatible

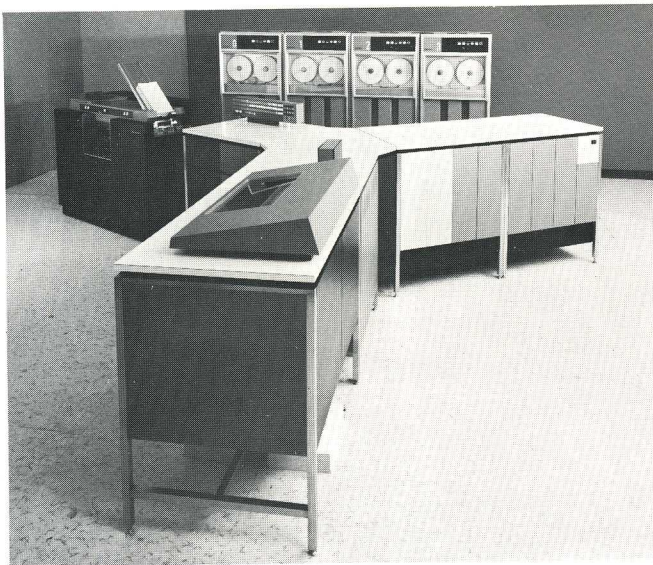
with the most widely used small computers, the 200 accepts competitive tapes; and existing programs for these systems can be easily converted to H-200 programs, using a special routine called LIBERATOR.

See back page for full specifications on the exciting Honeywell 200.

HONEYWELL 200 SPECIFICATIONS

Central Processor:

- Data unit:** 6-bit character
- Memory size:** 2048 characters — expandable to 32,768 characters
- Control memory:** Up to 16 registers
- Arithmetic:** decimal and binary
- Checking:** one parity bit per character
- Input/output trunks:** up to 8 input and 8 output
- Read/write channels:** three standard, fourth optional
- Peripheral simultaneity:** up to four data transfer operations simultaneous with computing
- Memory access time:** main memory — 1 microsecond
control memory — 250 nanoseconds
- Memory cycle time:** main memory — 2 microseconds
control memory — 500 nanoseconds
- Instruction format:** variable
- Index registers:** six
- Addition speed:** 44 microseconds per 5-character add ($A + B \rightarrow B$)



Magnetic Tape Units:

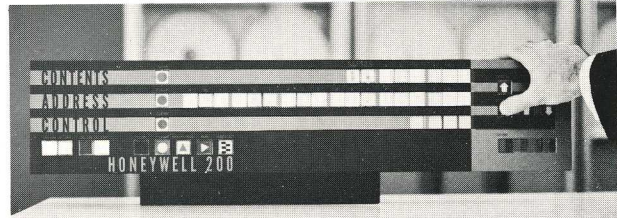
- Models for 1/2 inch tape**
- Speeds:** 36, 80, 120 or 150 inches per second
- Recording density:** 200 or 556 characters per second (nominal)
- Transfer rates:** 7,200 to 83,400 characters per second
- Record gaps:** .45 to .75 inches
- Rewind speeds:** 108, 240, or 360 inches per second
- Checking:** parity; automatic read after write
- Data format:** variable
- Models for 3/4 inch tape**
- Speeds:** 60 or 120 inches per second
- Recording density:** 533 or 740 characters per inch (nominal)
400 or 555 frames per inch (nominal)
- Transfer rates:** 32,000, 64,000 or 88,800 characters per second
- Rewind speeds:** 180 or 360 inches per second
- Checking:** Orthotronic Control
- Data format:** variable

Card Reader - Card Punch

- Reading speed:** 800 cards per minute
- Punching speed:** 250 cards per minute
- Checking:** double read; echo check

High-Speed Printer:

- Speed:** 900 to 1200 lines per minute
- Positions per line:** 120 or 132
- Characters per position:** 26 alphabetic, 10 numeric, 20 special
- Vertical spacing:** 6 or 8 lines per inch
- Skip speed:** 21 inches per second



Random Access Disc Storage:

- Disc capacity:** 4,194,034 characters
- Number of discs:** 1 to 24
- Transfer rates:** 23,550 to 64,300 characters per second
- Checking:** parity
- Average access time:** 128 milliseconds
- Maximum number units:** one per control unit

Random Access Drum Storage:

- Capacity:** 2,621,440 characters
- Maximum number drums:** 8 per control unit
- Average transfer rate:** 102,000 characters per second
- Checking:** parity

Communications Controls:

- Single channel unit**
- Speed:** up to 5100 characters per second
- Multi-channel unit**
- Speed:** up to 300 characters per sec., per channel
- No. of channels:** 16, 32, 48, or 64.
- Max. speed:** approx. 2500 characters per second
- Compatibility:** five-level and eight-level ASA teleprinter circuits, all voice-grade circuits and some broader band circuits.

Paper Tape Units:

- Reading speeds:** 500 characters per second
- Punching speeds:** 110 characters per second
- Codes:** 5-, 6-, 7-, or 8-level
- Characters per inch:** 10

Software:

- Assembly system:** Honeywell EASYCODER
- Compilers:** Honeywell COBOL, Honeywell AUTOMATH (FORTRAN)

Honeywell
ELECTRONIC DATA PROCESSING

DATA FROM JAN 64