

9480 Processor



The UNIVAC® 9480 central processor, interval timer, operator's console with keyboard and printer, multiplexer channel capable of handling the keyboard/printer, plus seven subsystems on a shared basis.

One selector channel included in processor to provide additional I/O capability; may be expanded by one. Channel allows eight subsystems to operate in a burst mode. Maximum transfer rate is 333 KB, with command chaining

included. Storage speed is 600 nanoseconds per two bytes. Storage protection, which is optional, provides program write protection.

SPERRY + UNIVAC



UNIVAC 9480 PROCESSOR

COLORS

Standard colors

Frame slate gray
 Work Tops pearl gray
 Accent red ocher

FUNCTIONAL CHARACTERISTICS

Main Storage Speed

600 nanoseconds per two bytes

Main Storage Sizes

65,536; 98,304; 131,072;
 196,608; 262,144 bytes—

Multiplexer Channel

Connects up to 8 subsystems, including operators console and keyboard, which may operate concurrently at a combined maximum rate of 85,000 bytes per second.

Selector Channel

333,000 bytes per second

Interval Timer

1 millisecond resolution

Instruction Repertoire

70 instructions including
 7 privileged

Registers

Two sets of 16 full-word registers

AVAILABLE FEATURES

Storage Protect

Write protection in 512 byte increments to provide storage integrity in a multi-programming environment. (1,024 increments for 196K and 262K systems.)

Selector Channel

A second selector channel capable of connecting up to 8 high-speed subsystems. Each channel operates in a burst mode at up to 333,000 bytes per second.

PHYSICAL CHARACTERISTICS¹

Width: 76 Inches
 Height: 64 Inches
 Depth: 103 Inches
 Weight: 900 Lbs.

ENVIRONMENTAL CHARACTERISTICS

Shipping and Storage Range

Up to 72 hours
 Temperature — 40°F to + 140°F.
 Humidity 1% to 80%
 72 hours to 6 months
 Temperature 0°F to + 110°F.
 Humidity 1% to 70%

Working Range

Nominal
 Temperature + 60°F to + 94°F.
 Humidity 20% to 85%

Heat Dissipated

5511 BTU/HR. Maximum

POWER REQUIREMENTS²

120/208V or 120/240V
 4 wire and ground
 KVA Required — 1.7

¹ Above information provided for reference purposes. Consult your Univac representative for installation planning details.

² 50HZ Models available.