

**WorkSaver 300**  
Master, Cluster,  
Standalone



We make  
office automation  
make sense

# WorkSaver 300

## Master, Cluster Standalone



The NCR WorkSaver 300 Series products are the newest addition to the WorkSaver family of multi-function workstations. The WorkSaver 300 consists of a series of modules that allow you to add memory and storage as needed, so you can easily reconfigure your system as your needs change.

The WorkSaver 300 Series can be utilized as a professional workstation, a cluster station, a standalone office automation workstation, or a master office automation workstation controlling several cluster stations.

The WorkSaver 300's ergonomically designed components include a 12" tilt-and-swivel, high-resolution screen and a 15" color display both capable of displaying 29 lines of 80 characters. The processor houses a 16-bit processor with from 256K to 1MB of RAM memory. Attached to the processor is a wide range of disk storage modules that allow up to 40 MB of storage. However, subsequent releases will permit up to 100 MB of storage.

The detached keyboard is connected by a 5-foot coiled cable. The keys are low profile, in a standard typewriter configuration with a convenient 10-key pad and special function keys.

You have a choice of three letter-quality printers for your WorkSaver 300 in speeds ranging from 20 to 55 cps. A host of paper handling devices, including single and dual sheet feeders, bi-directional forms tractors, cut sheet guides and envelope attachments complement their efficiency. In addition two dot matrix printers are also available at printing speeds of 63 and 39 lines per minute.

The WorkSaver 300 Series systems can be clustered and share the hard disk of the master station, as well as sharing the other attached peripherals like printers, plotters and modems.

The WorkSaver 300 Series gives you new dimensions in departmental systems and price performance.

### Capacity

Minimum RAM 256Kbytes

Maximum RAM 1 Mbyte

Mass Storage:

- One or two flexible disk drives with 630K of storage each.
- One or more hard disk drives in 10- and planned 20-megabyte capacities.
- Expansion hard disk storage available.

### Electrical

AC Power Capacity: 50 or 60 Hz  $\pm$  0.5 Hz

Voltage: 85 to 130 Vrms (220-Volt European standard also)

AC Power Requirements: (max. @ 105 Vrms): 1.25 Amps

DC Power Capacity:

Input Power: 35 V DC

+ 5 Volts: 4.6 Amps

+ 12 Volts: 3.4 Amps

-12 Volts: 0.2 Amp

+ 24 Volts: 1.25 Amps

### Cable Lengths

AC: 10 feet

Keyboard to Workstation

- 14 inches coiled
- 5 feet extended

Printer to Workstation

- 50 feet (max.)

### Temperature

Disk Media:

- Operating: 50 to 104°F (10 to 40°C)
- Non-Operating: -7 to 116.6°F (-22 to 47°C)
- Humidity: 20 to 80%

### System:

- Operating: 32 to 104°F (0 to 40°C)
- Non-Operating: -40 to 167°F (-40 to 75°C)
- Humidity: 5 to 95%

### Processor

- INTEL 16-Bit
- Maximum Memory: 1 Mbyte

### Display

- Monochrome or color
- 80 characters x 29 lines
- Additional displays forthcoming

### Two Serial Ports

- One for communications
- One for printing or plotting
- RS-422 cluster communications port

### Parallel Port

- 1 Centronics Interface

### Uses

- Professional Workstation
- Cluster Station
- Standalone Workstation
- Master Workstation

### Dimensions

#### Cable Lengths

AC: 10 feet

Keyboard to Workstation

- 14 inches coiled
- 5 feet extended

Printer to Workstation

- 50 feet (max.)

Modules:

- 8" high (203mm) x 2.52" wide (64mm) x 12" deep (305mm)

Screen:

- 12" high (305mm) x 12.25" wide (311mm) x 12" deep (305mm)
- Weight — 16 lbs. (7.62 kg)

Keyboard

- 1.18" high (30mm) x 18" wide (457mm) x 9" deep (229mm)
- Weight — 4 lbs. (1.82 kg)

Processor Module:

- 8" high (203mm) x 5.57" wide (146mm) x 12" deep (305mm)
- Weight — 10 lbs. (4.54 kg)