NCR Century Series
NEW PRODUCT ANNOUNCEMENT

On December 12, 1972, NCR announced two new, lower-cost peripheral units available in a reconfigured version of the C101 Basic System. One of these peripherals — the 656-102 Disc Unit — is available only in the C101 system; the other — the 649-300 Line Printer — is a standard substitution peripheral for other NCR Century systems also. First customer shipments of both these NCR-CDC-built peripherals are scheduled for July 1973.

CENTURY 101 RECONFIGURATION: The overall effect of the Century 101 Basic System reconfiguration is to provide a roughly equivalent Century 101 "starter system" at a price reduction of up to 24 percent for outright purchase or about 16 percent under a one-year lease. This places the Century 101 about 15 percent below the slower Century 100 in purchase price and from 14 to 19 percent below the Century 100 in monthly lease price. Thus, for practical purposes, the reconfigured Century 101 supersedes the Century 100 in NCR's current product line.

Furthermore, the substantially more powerful Century 101 Basic System can now be purchased for only about 2 percent more than the bottom-of-the-line Century 50. Only the very high purchase-to-lease ratio of the Century 50 (55 to 1) enables it to remain a viable contender when compared with the new Century 101 (purchase-to-lease ratio of about 44 to 1). Thus, the Century 50 retains its attractiveness only on a lease basis (particularly for the short term), with monthly charges ranging from about 22 percent to about 13 percent less than for the Century 101 under lease terms of 1 year to 5 years, respectively. (The 3-year and 5-year lease terms for the Century 101 Basic System were also introduced as part of NCR's December 1972 announcement.)

656-102 DISC UNIT: Attaches one or two 4.9-million-byte discs to a single spindle in a vertical arrangement. Each disc has an average access time of 47.5 milliseconds and a data transfer rate of 312,000 bytes/second. The basic 656-102 includes one removable disc; a non-removable 6562 Fixed Disc with the same operational specifications and capacity as the basic removable disc can be added for a total 656-102 unit capacity of 9.8 million bytes. The 656-102 connects to the Century 101 through a 6561 Controller. A second spindle (for one or two additional discs) can be accommodated by the controller through the 6563 Dual Spindle Attachment. Up to eight 6561 Controllers can be used in a Century 101 system for an overall system capacity of 156.8 million bytes. The first spindle in a Century 101 Basic System must contain both the removable and fixed discs.

649-300 LINE PRINTER: This free-standing peripheral unit provides 132-column printing at 300 lpm with a 64-character print drum. Vertical spacing can be set at 6 or 8 lines per inch if an optional feature is included. The 649-300 and its integrated controller are housed in a pedestal-supported cabinet, and the unit is available for attachment to the Century 101, 200, or 300 only.

Prices of the new equipment are listed overleaf. ☐

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		Purchase Price	Monthly Maint.	Rental (1-year lease)*	Rental (3-year lease)*	Rental (5-year lease)*
Century 101 Basic System, including:						
615-101/7001	Processor with 16K-byte core memory	$89,520	$325	$2,025	$1,925	$1,820
649-300	Free-Standing Printer; 300 lpm, 132 positions					
656-102	Dual-Spindle Disc Unit and Controller; 9.8 MB, 47.5 msec access time					
682-101	Integrated Card Reader; 300 cpm					
649-300	Printer; 300 lpm, 132 positions (includes controller) for C101, 200, or 300	24,150	80	575	—	—
6491	6/8 Lines per Inch for 649-300 Printer	675	1	15	—	—
656-102	Disc Unit; 4.9 MB, 47.5 msec access time (requires disc controller)	13,020	60	310	—	—
6562	Fixed Disc; 4.9 MB, 47.5 msec access time (add-on unit for 656-102)	4,275	15	95	—	—
6563	Dual Spindle Attachment for second 656-102 (requires 6561 Disc Controller)	450	2	10	—	—
6561	Disc Unit Controller for one or two 656-102's (available for all Century models)	6,750	25	150	—	—
956-1	Disc Pack for 656-102; 4.9 MB	175	0	0	—	—
6006	Integrated Controller for 640-102 Printer (available on C101 only; requires 9511 Attachment)	3,375	10	75	—	—
6007	Integrated Controller for 640-300 Printer (available on C101 only; requires 9511 Attachment)	5,625	10	125	—	—
9511	Integrated 640-type Printer Attachment (available on C101 only; required for integrated 640-102 or -300)	3,375	15	75	—	—
615-951	Auxiliary Cabinet for I/O writer or Integrated printer.	800	0	25	—	—

* Lease prices include equipment maintenance.