

TERMINALS

TELETYPE - 3315

Model 33ASR - TBE

Punched Tape Input/Output Speed - 10 characters per second

Maximum Hardwired Distance - 500'

Remote locations possible over 1103A Acoustic Coupler 72 Character Line

1-3316 TTY Controller required for each set of 4 terminals

1-3319 I/O Extension Chassis required for more than 4 terminals on a system

I/O TYPEWRITER - 3310

A modified IBM Selectric I/O Writer

Speed - 15 characters/sec

BASIC Compatible Character Set

132 Character Line

1-3311 I/O Writer Control required for each set of 4 terminals

1-3319 I/O Extension Chassis required for more than 4 terminals on a system

CASSETTE DRIVERS - MODEL 3320

Dual magnetic tape cassettes are used for program loading and storing and data storage. Up to 16 pairs of dual cassette readers can be accommodated. Transfer rate is 240 characters per second. Average storage capacity per cassette is 200K bytes.

1103A ACOUSTIC COUPLER

- Fully compatible with the Bell 103A
- Automatic unattended answering
- Half or full duplex
- EIA and teletype interfaces
- Acoustic coupling
- Originate or answer (fully automatic or manually) half or full duplex.
- Maximum data rate - 300 Baud

MINIMUM BASIC TIME-SHARING SYSTEM

- 1 - 3300 Central Processor including 4K of Core
- 2 - 3301 4K Memory Modules
- 1 - 3315 Teletype Terminal
- 1 - 3316 Teletype Controller

BASIC Software Package

Printed in U.S.A.
700-0288
5-70-5M

WANG 3300 "BASIC" TIME-SHARING SYSTEM COMPONENTS AND PRICES

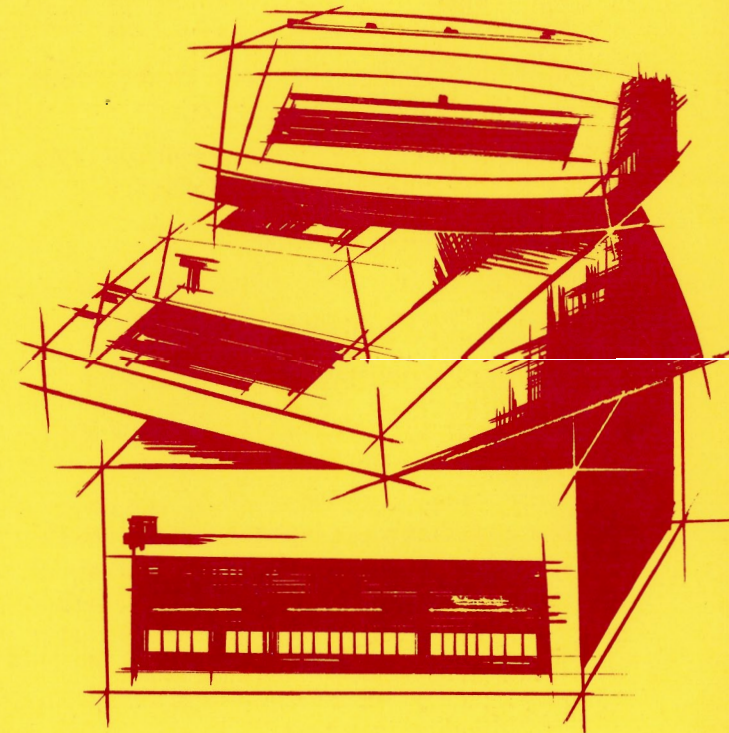
	1	2	3	4	6	8	12	16
NO. OF TERMINALS	1	2	3	4	6	8	12	16
Complete System - CPU, Terminals, Software	\$13,700	\$15,450	\$19,700	\$21,450	\$29,950	\$33,450	\$45,950	\$55,950
TOTAL PRICE	13,700	7,725.	6,566.	5,363.	4,992.	4,181.	3,829.	3,497.
COST PER TERMINAL*	12K	12K	16K	16K	20K	20K	28K	32K
TOTAL BYTES OF MEMORY	2000	1000	1833	1375	1583	1187	1458	1344
BYTES FOR EACH TERMINAL								
Wang Lease - One Year Renewable** Per Terminal	\$ 610.	\$ 345.	\$ 295.	\$ 245.	\$ 225.	\$ 188.	\$ 170.	\$ 150.

COMMENTS: The above systems are all teletype systems. Teletypes may be hardwired up to 500 feet and go over telephone lines. To expand the systems add:

	Purchase	Lease** Per Month
4K Core Modules	\$2,500	\$105.
Teletypes	1,750	83.50
Selectrics	2,100	98.20
Cassettes	1,400	58.80

** Lease prices are all inclusive - They include service, software updates, library service, and equipment for a minimum one-year period. Charges are monthly.

* On purchased systems, software updates and a program library abstract service are required: \$25/per month for 3300 central processor, \$10/per month for each terminal (3315). Maximum charge per month/\$100.



 WANG

3300 BASIC

Pocket Sales Facts

WANG 3300 BASIC TIME-SHARING SYSTEM
LOW COST/HIGH PERFORMANCE

1. **A COMPLETE COMPUTER TIME-SHARING SYSTEM;** CENTRAL PROCESSOR, MEMORY, TERMINALS, SOFTWARE - THAT CAN BE EXPANDED UP TO 16 TERMINALS
2. **INCLUDING THE BASIC LANGUAGE COMPILER AND SOFTWARE,** A COMPLETE WANG 3300 TIME-SHARING SYSTEM CAN BE PURCHASED FOR UNDER \$14,000. - UNBELIEVABLE!!
3. **A STANDARD BASIC LANGUAGE THAT HAS THE ADDITIONAL BENEFITS OF:**
 - A. AN "IMMEDIATE MODE" - ENABLES THE TERMINAL TO BE USED AS A POWERFUL ELECTRONIC CALCULATOR - EVEN WITH MULTIPLE STATEMENTS ON ONE LINE.
 - B. **DIAGNOSTIC POINTER AND TRACE MODE** FOR EASY DEBUGGING.
 - C. **COMMON DATA AREA FOR CHAINING PROGRAMS** - AND EXPANDED CAPABILITY.
 - D. **TERMINAL PLOTTING CAPABILITY.**
4. **IN ADDITION, A CHOICE OF TERMINALS:**
 - A. STANDARD TELETYPES.
 - B. RELIABLE I/O TYPEWRITERS* WITH HIGH-SPEED MAGNETIC TAPE CASSETTES.
5. **AND MOST IMPORTANT - WANG LABORATORIES - THE COMPANY GEARED TO SUPPORT AND MAINTAIN YOUR SYSTEM ON A CONTINUING BASIS.**

SOFTWARE

BASIC STATEMENTS

The following BASIC verbs are available in the standard Wang 3300 BASIC system:

COM	FOR	INPUT	REM
DATA	TRACE	LET	RESTORE
DEF	GOSUB	NEXT	RETURN
DIM	GOTO	PRINT	STOP
END	IF	READ	FILE READ/ WRITE

FUNCTIONS

Wang 3300 BASIC computes most functions using the highly accurate digit by digit computation method, providing a full 8 digits of accuracy. The following functions are provided in the standard Wang 3300 BASIC system:

SIN	EXP	INT	OR
COS	LOG	RND	BOOL
TAN	ABS	SGN	
ATN	SQR	AND	

BASIC MODES

Program Mode: 100 LET X = (C*E)/G
Immediate Mode: PRINT (C*E)/G

3300 CENTRAL PROCESSOR SOFTWARE

- 3300 Assembler
- Source Tape Edit Package
- Debug Package
- Loader and IOCS Modules
- Diagnostics

HARDWARE

3300 MAJOR FEATURES

Decimal & Binary Arithmetic –

Eliminates base conversions and gives system accuracy

Push Down/Pop Up Addressing –

Auto increment/auto decrement addressing mode - handles list & stack operations and gives programming efficiency

Expandable to 64K of 1.6 microsecond core (cycle time)

Flexible I/O structure with I/O bus and a direct memory access channel for disk

Word Length –

8 bits

Registers: A. 8-bit accumulator register, 8-bit accumulator extension.

B. Addressable 8-bit status register used for saved carry, last result zero, valid decimal, binary-decimal mode indicator, absolute page designator and programmable user status bits.

Model 3301 –

4K memory module (4096 bytes) of additional ferrite magnetic core memory. Above 16K of core, an input/output extension chassis (Model 3302) is required.