

Sheet1

INEXPENSIVE 286 AND 386SX NOTEBOOKS: SUMMARY OF FEATURES

Products listed in alphabetical order by company name

List price (PC Magazine configuration)

Distribution channel

STANDARD CONFIGURATION

Processor type, hard disk capacity

Dimensions (HWD, in inches)

Weight (pounds)

Display area (H x W, in inches)

Motherboard manufacturer

Chip set manufacturer

BIOS version (or date)

System shadowing/Video shadowing

MEMORY

Installable RAM

User-installable

INPUT/OUTPUT

Parallel, serial, mouse ports

Proprietary expansion port

EXPANSION BUS

Expansion slots

User-accessible

Price of expansion unit

VIDEO

Screen manufacturer

Gray scales at maximum resolution

Video chip set manufacturer

Super VGA out

KEYBOARD

Keys: total, function, cursor

Keypad connector/Keyboard connector

SOFTWARE

DOS

Other bundled software

MODEM

Internal modem type

Price

POWER SUPPLY AND BATTERY

Power supply wattage, voltage
Rated battery life (hours)
Tested battery life (hours:minutes)
Charge time with unit on, off (hours)
Voltage, Amp-hours
Shutdown:
Display/disk
System/peripherals
Transformer size (inches)
Transformer weight (pounds)
MISCELLANEOUS
Coprocessor support
Setup in ROM/Password in ROM
Warranty

Service
FCC Class B identification number

List price (PC Magazine configuration)
Distribution channel
STANDARD CONFIGURATION
Processor type, hard disk capacity
Dimensions (HWD, in inches)
Weight (pounds)
Display area (H x W, in inches)
Motherboard manufacturer
Chip set manufacturer
BIOS version (or date)
System shadowing/Video shadowing
MEMORY
Installable RAM
User-installable
INPUT/OUTPUT
Parallel, serial, mouse ports
Proprietary expansion port
EXPANSION BUS
Expansion slots
User-accessible
Price of expansion unit

VIDEO
Screen manufacturer
Gray scales at maximum resolution
Video chip set manufacturer
Super VGA out
KEYBOARD
Keys: total, function, cursor

Keypad connector/Keyboard connector
SOFTWARE
DOS
Other bundled software

MODEM
Internal modem type

Price
POWER SUPPLY AND BATTERY
Power supply wattage, voltage
Rated battery life (hours)
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Voltage, Amp-hours
Shutdown:
Display/disk
System/peripherals
Transformer size (inches)
Transformer weight (pounds)
MISCELLANEOUS
Coprocessor support
Setup in ROM/Password in ROM
Warranty

Service
FCC Class B identification number

y = Yes

AMI American Megatrends Inc., C&T Chips and Technologies Inc., VLSI Very Large Scale Integrated Technology Inc.

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Altec 386SX/20 NB	Blackship 386SX/20NB	Fora NBS-386S/20
\$1750	\$1995	\$1975
Dealers, direct	Direct	Dealers, direct
20 MHz, 40MB	20 MHz, 40MB	20 MHz, 40MB
2 x 12 x 8.5	2 x 11.7 x 8.5	2 x 11 x 8.2
6.50		6.50 6.60
5 x 6.5	5.1 x 7	5 x 7
Chaplet	Chaplet	Sampo
VLSI	VLSI	Intel
AMI (June 1990)	AMI (June 1990)	Phoenix 1.01
y/y	y/y	y/y
2MB-8MB	2MB-6MB	1MB-5MB
n	y	y
1, 1, 0	1, 1, 0	1, 1, 0
y	y	y
None	None	1 memory, 1 modem
N/A	N/A	y
	\$320	\$325 N/A
Sharp	Epson/Sanyo	Sharp
	32	32 16
Cirrus Logic	Cirrus Logic	Cirrus Logic
n	n	y
80, 10, 4	81, 10, 4	80, 10, 4
n/y	n/y	n/y
	5	5 5
EMS.COM, Microsoft Windows 3.0, utilities	EMS.COM, utilities	BitComm, BitFax utilities, video drivers
None	None	2,400/4,800-bps
N/A	N/A	\$245

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40, dual	60, 15	24, dual	
2.50		03/February	2.50
02:06:00		01:52:00	02:06:00
6, 6	6, 6	5.5, 4	
9.6V, 2.5Ah	9.6V, 2.5Ah	7.2V, 2.5Ah	
y/y	y/y	y/y	
n/n	n/n	y/y	
2 x 7 x 3.5	2 x 7 x 3.3	2 x 6 x 3.5	
1.40		1.80	1.20
80387SX	80387SX	80387SX	
y/n	y/n	y/y	
1 year	1 year	1 year	
Vendor	Vendor	Vendor	
GXLNBA386SX	GXLNBA386	ARFNBL36X20	
	MicroStar	Micro Telesis	
	NoteStar NP-903	Jetbook-386SX	
\$2077	\$1699	\$1999	
Dealers	Direct	Direct	
16 MHz, 41MB	20 MHz, 40MB	20 MHz, 40MB	
2.1 x 12 x 9.5	2 x 11 x 8.5	2.5 x 11.4 x 8.6	
	8	6.70	7.10
5.8 x 7.8	5.3 x 7.2	5.3 x 7	
Modern	Jetta	Amrel	
Headland	C&T	Headland/Acer	
AMI (June 1990)	Award 3.10	AMI (June 1990)	
y/y	y/y	y/n	
2MB-8MB	1MB-16MB	1MB-5MB	
y	y	y	
1, 1, 0	1, 1, 0	1, 1, 0	
n	y	y	
None	1 memory, 1 modem	1 memory, 1 modem	
N/A	y	y	
N/A		\$279	\$425
Sanyo	Sanyo	Sharp	
	64	64	32
Headland	Cirrus Logic	Cirrus Logic	
n	n	n	
83, 10, 8	86, 12, 4	82, 12, 8	

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n/y	y/y	y/y	
	4.01	5	5
Follow-UP, Microsoft Windows 3.0, UFO	VGA utilities	BitComm, BitFax, Eagle utilities	
2,400-bps; 2,400-bps MNP 1-5; 2,400/9,600-bps fax/modem \$168, \$209, \$259	2,400-bps MNP 5	2,400-bps MNP 5 send/receive fax	
		\$125	\$150
60, dual	180, dual	25, dual	
	2.80	2.70	03/February
	03:02:00	01:46:00	02:50:00
9, 8	6, 5	5, 2	
12V, 1.4Ah	4.8V, 5Ah	4.8V, 4.3Ah	
y/y	y/y	y/y	
y/n	y/n	y/n	
1.3 x 6.3 x 3	2 x 7.4 x 2.8	2.3 x 6.4 x 3	
	1.60	1.50	1.80
80387SX	80387SX	80387SX	
y/n	y/y	y/n	
1 year	13 months parts,	1 year	
		2 years labor	
Vendor	Vendor	Vendor	
GS6NP-903	IQ7JETBOOK-386SX	IR5MLT386SX	
n = No	N/A Not applicable: The product does not have this feature.		

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Master Cascade Insight 386SX-20 Notebook \$1995 Direct	Maxtron Intelec INT-NBSX20-40 \$1899 Direct	Notebook Model \$1859 Dealers, direct	386SX-20 Note 203 Book Model 303V \$1995 Dealers	
20 MHz, 60MB 2.1 x 11.3 x 8.3	20 MHz, 40MB 2.3 x 11.5 x 8.5	20 MHz, 40MB 2 x 12 x 10.5	16 MHz, 60MB 2.3 x 11.5 x 8.5	
7.20		6.60	7.80	6.50
5.8 x 7.6 Chicony VLSI AMI (August 1990) y/y	5.1 x 7 Chaplet VLSI AMI (June 1990) y/y	5 x 6.8 Notebook Computer Headland Award (October 1989) y/y	5 x 7.5 Hi-Tron Headland Award 3.11 y/y	
1MB-5MB y	2MB-8MB y	1MB-5MB n	2MB-4MB n	
1, 2, 0 n	1, 1, 0 y	1, 2, 0 n	1, 1, 1 n	
1 memory y N/A	None N/A	None N/A \$395 N/A	None N/A N/A	
Sanyo	Epson	Sharp	Hitachi	
16	16	32	32	32
Cirrus Logic n	Cirrus Logic n	Cirrus Logic n	Cirrus Logic n	
83, 10, 4 y/y	80, 10, 4 n/y	82, 10, 8 y/n	80, 12, 4 y/y	
	5	5	5	5
Eagle utilities, mouse drivers	EMS.COM, Microsoft Works, utilities	MM.SYS, utilities	VGA utilities	
None	None data/fax	None	None	
N/A	N/A	N/A	N/A	

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5, 16.5	60, 15	48, 24	36, dual	
03/February		2	03/February	2
01:55:00		02:03:00	02:18:00	01:39:00
4, 2	6, 6	2, 2	8, 4	
10.8V, 1.8Ah	9.6V, 2.5Ah	8.4V, 1.4Ah	12V, 1.4Ah	
y/y	y/y	y/y	y/y	
y/n	n/n	n/n	y/n	
1.7 x 5.8 x 2.9	2 x 7 x 3.3	2.2 x 6.5 x 3	2.5 x 6 x 3	
1.30		1.80	1.60	1.70
80387SX	80387SX	80387SX	80387SX	
y/y	y/n	y/n	y/n	
1 year	1 year	1 year	1 year	
Vendor	Vendor	Vendor	Dealer	
E8HNB5620	GXLNBA386	FMA2400	FFXKSN-386H	
Systems Flash	New MMI CMO	Standard SX/20	Tangent Model	
NT386SX-20	NB-320SX	Notebook	320N Voyager SX	
\$1895	\$1995	\$1999	\$1995	
Dealers, direct	Dealers, direct	Direct	Direct	
20 MHz, 40MB	20 MHz, 40MB	20 MHz, 40MB	20 MHz, 60MB	
2 x 12 x 8.5	2 x 11 x 8.2	2 x 11.5 x 8	2.5 x 11 x 8.5	
6.50		6.50	6.40	6.90
6.5 x 5	5 x 7	5 x 7	5 x 7.5	
Chaplet	Sampo	Quadtel	Sotek	
VLSI	Intel	VLSI	Intel	
AMI (June 1990)	Phoenix 1.01	Quadtel 3.05.05	AMI (July 1991)	
y/y	y/y	y/y	y/y	
2MB-6MB	1MB-5MB	1MB-5MB	1MB-5MB	
n	y	y	y	
1, 1, 0	1, 1, 0	1, 1, 0	1, 1, 0	
y	y	n	y	
None	1 memory, 1 modem	1 memory, 1 modem	1 memory, 1 modem	
N/A	y	y	y	
	\$369 N/A	5-slot, \$595;	8-slot, \$795	\$399
Sharp	Sharp	Sharp	Sharp	
	32	16	32	16
Cirrus Logic	Cirrus Logic	Cirrus Logic	Cirrus Logic	
n	y	y	y	
80, 10, 4	80, 10, 4	85, 12, 4	80, 10, 4	

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n/y	n/y	y/y	n/y	
EMS.COM, utilities	5 QuickLink II, utilities, video drivers	5 Eagle utilities	5 Diagnostics, Microsoft Windows 3.0, PFS:WindowsWorks, video drivers	5
None	2,400/4,800-bps send/fax	2,400/9,600-bps send/receive fax with MNP 5	2,400/9,600-bps send-fax	
N/A		\$199	\$349	\$169
40, dual	24, dual	66, 12	32, dual	
	2	2.50	2	1.25
	02:12:00	01:57:00	01:24:00	01:47:00
6, 4 9.6V, 2.5Ah	6, 2.5 7.2V, 2.5Ah	8, 3 7.2V, 2.2Ah	5, 2 7.2V, 2.5Ah	
y/y	y/y	y/y	y/y	
n/n	y/y	y/y	y/y	
2 x 7 x 3.5	2 x 6 x 3.5	1.7 x 5.2 x 2.6	2 x 7 x 3.5	
	1.40	1.20	1.10	1.50
80387SX	80387SX	80387SX	80387SX	
y/n	y/y	y/y	y/y	
1 year	1 year	1 year	1 year	
Vendor	Vendor	Vendor	Vendor	
GXLNBA386SX	ARFNBL36X20	GT6NB20	I2ENB320S	

MicroStar
NoteStar NP-902
\$1730
Dealers

12 MHz, 41MB
2.1 x 12 x 9.5
8.20

5.8 x 7.8
Modern
C&T
AMI (June 1990)
y/y

1MB-8MB
y

1, 1, 0
n

None
N/A
N/A

Sanyo
32

C&T
n

83, 10, 8
n/y

4.01
Follow-UP, UFO

2,400-bps;
2,400-bps MNP 1-5;
2,400/9,600-bps
fax/modem

\$168, \$209, \$259

60, dual
2.80
04:32:00

9, 8
12V, 1.4Ah

y/y
y/n
1.3 x 6.3 x 3
1.50

80287.00
y/n
1 year

Vendor
GS6NP-902S

USA FlexNote 20