

IBM

Mike Sears

PS/note N45 SL

A powerful note that lasts

A terrific portable value. If you need a portable system that delivers both premium processing power and long-lasting battery life, consider the IBM PS/note N45 SL. The latest member of IBM's growing family of Personal System/2® portable computers, the PS/note N45 SL features a powerful 25 MHz Intel386™ SL microprocessor, a 64KB cache, and a math coprocessor socket. Put that all together and you'll have impressive performance to run many different types of programs, including numeric-intensive applications. And the N45 SL will keep you running too—thanks to a battery that provides up to eight hours of power (depending on system usage*). Throw in a very attractive price and a sleek design and you'll have a notebook value that's tough to beat.

A feature-rich notebook. There's more to the PS/note N45 SL than power. It also offers plenty of useful features, starting with top-notch security and a large (10-inch) screen. Other key features include:

- 2MB standard memory
- Support for up to 8MB of memory
- 80MB or 120MB hard disk storage
- 3.5-inch 1.44MB diskette drive
- Non-disruptive battery exchange
- Programmable power switch
- Up to eight hours of battery power from one NiCd battery*
- Optional, low-cost "data-only" modem
- Optional data/fax modem

World-class service and support. And with every PS/note N45 SL, you also get IBM's superb protection, which includes an international hardware warranty, HelpWare™ and optional onsite repair service.



Feature	Benefit
25 MHz i386™ SL microprocessor	• Delivers impressive speed and power for advanced, numeric-intensive applications, as well as 32-bit applications
Standard NiCd battery	• Provides up to eight hours of battery life in a typical work environment* • Produces approximately three hours of continuous battery use
Two-level password and lockable security loop	• Provides 2-tier protection and is particularly useful in large corporate, school or lab environments • Loop allows a padlock to secure your PS/note
High-speed parallel port	• Boosts your performance as well as expansion capability by letting you attach a third-party network adapter to your PS/note N45 SL
Optional, "data-only" modem	• Gives you a low-cost way of sending and receiving files
Optional, data/fax modem	• Allows flexibility for data communications and sending/receiving faxes worldwide
Advanced Power Management (APM)	• Allows you to save up to 25 percent of battery life when enabled on both hardware and software
Keyboard	• Gives you an embedded numeric keypad and full-sized, normally spaced alphanumeric keys for easy typing
10-inch screen	• Provides a large, bright viewing screen to display your work • Tilts a full 180 degrees for external CRT attachment

* Actual battery life will be affected by system usage, rest/resume operation, application, CPU clock speed, memory configuration, peripheral options attached, hard disk access, and display settings.

PS/note N45 SL at work

Here are some of the ways you can put the N45 SL to work for you:

- Run your favorite PC programs like word processing, graphics packages and office automation software
- View spreadsheet and desktop applications easily on the N45 SL's large, crisp screen
- Stay in touch with your customers, employees or clients with the N45 SL's optional, "data-only" modem and data/fax modem
- Quickly and efficiently run numeric-intensive applications like database management or compiler programs on an N45 SL with the optional math coprocessor
- Add automation to your sales calls, process orders on the spot, and streamline customer record keeping
- Maintain your productivity by working on projects on the train, plane, at home or anytime you're on the road
- Record notes at a lecture, in the lab, at the library—anywhere on campus or beyond

Options

	Part number
Connectivity/communications	
Data Modem (2400 bps)	92F8805
Data/Fax Modem (2400bps/9600bps)	92F8809
Power	
NiCd Battery Pack with Charging Cradle	92F8806
Additional AC Adapter	92F8807
Other features	
PS/note Carrying Case	92F8809
2MB memory modules	see matrix below
Miniature Mouse	07G0033

Carrying Case



Miniature Mouse



AC Adapter

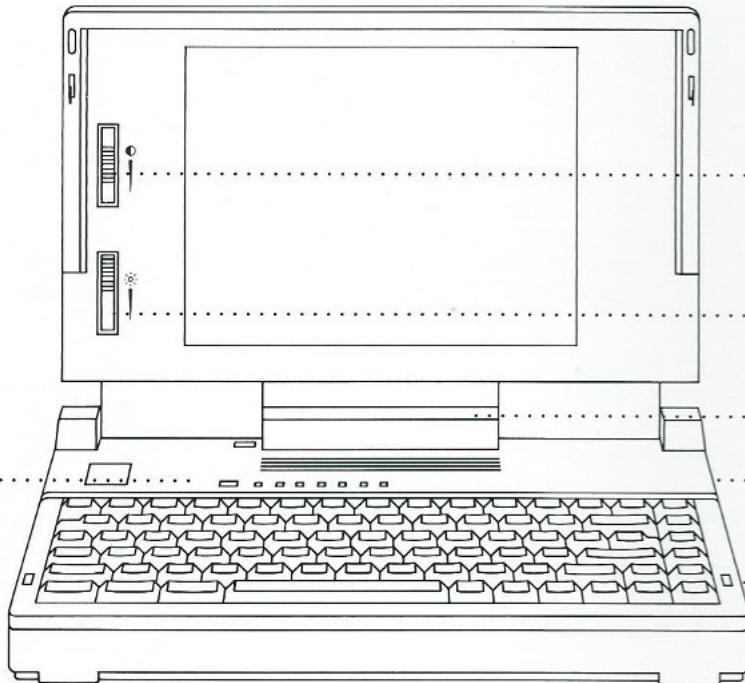


Memory matrix table

Standard memory on system board	2MB (80ns)
Maximum memory on system board	8MB
System board memory module options	2MB (92F8804)
Number of memory module options that can be added on system board	3



- A.** Power on/off Rest/Resume switch
- B.** Power status indicator
- C.** Diskette drive in-use
- D.** Hard drive in-use
- E.** Caps lock
- F.** Numeric lock
- G.** Padlock
- H.** Scroll lock



Contrast control

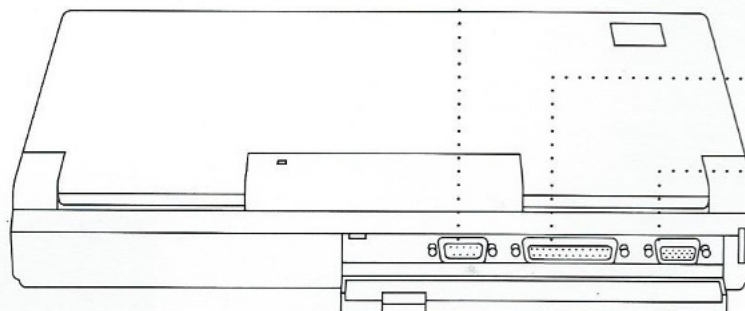
Brightness control



Battery charging indicator

Keyboard/mouse connector

Diskette drive



Serial connector

Parallel connector

External display connector

Security bracket

IBM PS/note N45 SL at a glance

Machine number	2614-065	2614-067
Microprocessor	80386SL	80386SL
Cache	64KB	64KB
Clock speed	25 MHz	25 MHz
Other functions	Socket for 80387 math coprocessor	Socket for 80387 math coprocessor
Bus architecture	AT®-type	AT-type
Data path	16-bit	16-bit
Memory (RAM)		
Standard	2MB (80ns)	2MB (80ns)
System maximum (on system board)	8MB (three memory sockets)	8MB (three memory sockets)
Integrated display	16-bit 10-inch monochrome STN Liquid Crystal Display (STN LCD); VGA (640 x 480); 13:1 contrast ratio; 32 addressable gray scales	
Integrated functions	Video Graphics Array (VGA) with display port; serial port; parallel port; keyboard/mouse port	
Power management	Rest/Resume; standby mode; non-disruptive battery exchange; internal quick charge (two hours); standard charge (10 hours)	
Internal diskette storage (standard)	3.5-inch 144MB	3.5-inch 144MB
Hard disk storage (standard)	80MB (19ms)	120MB (17ms)
Display modes	VGA (includes all EGA, CGA and MCGA modes)	
Integrated display	360 x 720 x 400; 9 x 16 pel character matrix; 80 columns x 25 rows; up to 16 gray shades	
Text	320 x 200 x 32 gray shades; 640 x 480 x 32 gray shades	
APA Modes		
External displays	VGA compatible displays	
Keyboard	82 keys (full-size alphanumeric); embedded numeric keypad	
Power supply		
Standard	One NiCd battery (up to eight hours); Internal Quick Charger; worldwide AC adapter (90-264 VAC, 48 or 62 Hz)	
Optional	NiCd Battery Pack with Charging Cradle; worldwide AC Adapter	
Operating systems	IBM DOS 5.0; Operating System/2® 2.0	
Size	Approximately 18" H x 12.4" W x 8.3" D (46mm x 318mm x 213mm); 6.9 lbs. (3.1kg) including battery	
Warranty	One-year International Warranty; onsite repair service available as an option	



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