

LifeBook N6420 Notebook

The LifeBook® N6420 notebook fuses the convenience of a notebook with the power of a desktop. Add the optional Genuine Windows XP Media Center Edition 2005 and your notebook can transform into an uncompromising Media Center PC. The high-speed mobile Intel® Core™ 2 Duo Processor coupled with high speed ATI Mobility™ Radeon® X1600 graphics deliver the level of performance gamers and technology enthusiasts crave. With its unique high contrast 17" Color-Enhanced Crystal View display, video enhancement circuitry and built-in stereo sound system (which includes a subwoofer), the LifeBook N6420 notebook takes portability to a whole new level. You won't believe the power and features packed into this mobile computer.

Desktop Performance in a Notebook

The LifeBook N6420 notebook rivals the performance of most desktop computers with its fast Intel Core 2 Duo Processor providing a noticeable performance boost on multi-threading and multi-tasking operations. Dazzling imagery that seamlessly moves and responds is made possible with up to 4 GB of dual channel DDR2 memory and 512 MB of HyperMemory™³ on the ATI Radeon X1600 graphics processor. The large 17" Color-Enhanced Crystal View wide XGA+ TFT LCD display exploits your DVD player's potential for saturated colors and razor-sharp detail. Notebook storage capacity can sometimes present a challenge—not so with the LifeBook N6420 notebook. It can be configured with dual hard drives for up to 400 GB of storage, challenging the most ambitious data pack-rats to fill that much capacity. From power-hungry 3D games to video editing, with the LifeBook N6420 notebook, you won't sacrifice power for portability.

Sight and Sound

The vivid image quality you see on the large, glossy Crystal View display is 40% brighter than the standard TFT screen. The display features deep blacks and vibrant whites with a contrast ratio of up to 600:1 (double the standard contrast ratio), delivering an extremely rich visual experience. The Visual Optimizer is a new feature which allows you to greatly enhance your video viewing experience. It provides rich image quality by employing cutting-edge technologies such as a 3D color management system, auto contrast correction, black and white stretch, and edge enhancement. By pressing the Visual Optimizer button while watching a DVD there will be a noticeable improvement in the color and richness of your display.

Fujitsu engineering has brought a new level of refinement to the LifeBook N6420 notebook internal speakers. By applying innovative sound technology to the notebook computer chassis, rich tone quality and excellent base response has been attained. You have to hear it to believe it.

Advanced Media Options

You can expand your creativity and enjoy the best in home entertainment in an easy, complete, and connected way with the optional Media Center Edition. You will be able to store, share, and enjoy all of your photos, music, home videos, and even watch, record, or pause live TV (TV tuner option required) in one sleek and easy-to-use system. The standard remote control adds even more convenience by giving you the ability to control your Media Center notebook from across a room. With the many built-in media ports of the LifeBook N6420 notebook, you can quickly and easily download home movies and photos from your digital camera and burn them onto a CD or DVD. You can also save your favorite music and data to a CD, synchronize your PDA, or connect to practically any peripheral on the market. With the addition of a media panel (located above the keyboard) playing your digital media is just a button push away. With easy-to-access, one-touch controls, playing your DVDs or CDs has never been easier.

The integrated biometric fingerprint reader is now standard on the LifeBook N6420 notebook. One advantage to fingerprint readers is that there are no passwords to forget or cards to lose. The sensor also functions as a scroll button so the enhanced security comes at no cost to functionality.

Ultimate in Flexible Connectivity

With both modem and high-speed Gigabit Ethernet built in, it is a very simple procedure to connect to your office network or the Internet for the ultimate mobile experience. The Intel PRO/Wireless 3945ABG Network Connection provides deployment flexibility and connectivity convenience by giving you access to: single-band (supporting 802.11b), dual-band (supporting 802.11a/b), dual-mode (supporting 802.11b/g), and tri-mode (supporting 802.11a/b/g) wireless environments.

Quality and Reliability

The close interaction between Fujitsu design, manufacturing, and service engineers creates some of the highest quality products offered in the PC market. In a time when most PCs are assembled by third-party vendors, Fujitsu takes pride in its own world-class design and manufacturing capabilities.



OVERVIEW

- Latest generation Intel® Centrino® Duo Mobile Technology to easily handle extreme computing demands
- 17" Color-Enhanced Crystal View display for rich, vibrant colors
- Media Center Edition lets you store, share, and enjoy your photos, music, home videos, and even watch, record, or pause live TV (TV tuner option required)
- High definition (HD) DVD support
- Gamers' delight with:
 - 512 MB HyperMemory™³ boosts performance and productivity
 - DirectX 9 support for higher performance in graphics and sound when playing games or watching videos
- Offload up to 8.5 GB of data or record movies with the optional Dual-Layer Multi-Format DVD Writer
- Great sound with Integrated stereo speakers and subwoofer
- Visual Optimizer technology for vivid video quality
- Comes standard with Intel PRO/Wireless 3945ABG Network Connection (Tri-mode 802.11a/b/g)
- Fast, Serial ATA 7200 rpm hard drive option
- Dedicated Memory Stick®/SD, and xD Picture card slot for easily transferring digital videos, pictures, and music
- Dedicated ExpressCard™ slot
- Optional dual hard drives for up to 400 GB of storage
- Integrated fingerprint for data security and password management
- Integrated or external TV tuner option available with Media Center Edition

Enterprise Sales:

1.800.831.3183

us.fujitsu.com/computers

Consumer Sales (24/7):

1.800.FUJITSU

www.shopfujitsu.com

1) Norton Internet Security 2006. The 90-day trial version is activated upon user's acceptance of software license.

2) Actual memory will be approximately 3.25 GB due to OS limitations.

3) 512 MB HyperMemory™ is a total of 256 MB dedicated video and 256 MB shared system memory.

4) 256 MB HyperMemory™ is a total of 128 MB dedicated video and 128 MB shared system memory.

5) Accessible capacity may be less due to formatting, applications, and backup utilities.

6) The internal modems on all Fujitsu notebooks from Fujitsu Computer Systems Corporation are only qualified for use with telephone systems in select countries, including the United States and Canada.

For a list of certified countries, please check <http://www.computers.us.fujitsu.com/modems>.

7) Actual speeds over U.S. telephone lines vary, and are less than 56Kbps due to the current FCC regulations and line conditions.

8) Battery life estimates reflect the results of clocked observation of operating time performed upon systems with user-configurable battery life settings at maximum energy savings. Actual battery life will vary based on screen brightness, applications used, features selected, power management settings, battery conditioning, and other customer preferences.

DVD/CD-RW, DVD Writer, LAN, wireless LAN or hard drive usage may also have a significant impact on battery life.

9) Service and warranty turnaround time may vary by country and product. The International warranty is only valid for products purchased in North, Central, and South America.

*Not all Windows® Vista™ features are available for use on all Windows Vista Capable PCs. All Windows Vista Capable PCs will run the core experiences of Windows Vista, such as innovations in organizing and finding information, security, and reliability. Some features available in premium editions of Windows Vista—like the new Windows® Aero™ user interface—require advanced or additional hardware. Check www.windowsvista.com/getready for details.

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Operating Systems

Windows® Vista™ Capable*
 - Genuine Windows® XP Media Center Edition with Microsoft® Works and Microsoft® Office 2003 60-day trial (Student/Teacher Edition).
 - Genuine Windows® XP Professional with Microsoft® Works and Microsoft® Office 2003 60-day trial (Small Business Edition).

Software

Adobe® Reader®, Microsoft® Internet Explorer, Norton Internet Security® 2006¹, CyberLink PowerDVD™, Fujitsu HotKey and FDU Utility, LifeBook Application Panel, Quicken® New User Edition 2006; Roxio Easy Media Creator

Optional Software

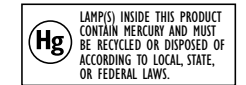
Depending upon your system's configuration you may also receive the following: Microsoft® Works or Microsoft® Office Small Business Edition, Cyberlink PowerProducer™, Cyberlink PowerDirector™ SE, and Cyberlink MakeDVD™ software CD

Key Specifications

Processor	Intel® Core™ 2 Duo Processor T7200 (2 GHz, 4 MB L2 cache, 667 MHz FSB), or Intel® Core™ 2 Duo Processor T5500 (1.66 GHz, 2MB L2 cache, 667MHz FSB)	
Chipset	Intel® 945PM	
Memory	Two DIMM slots; max 4 GB ² (2 GB x 2); DDR2 667 MHz PC2-5300, dual-channel	
Display	LCD 17" Color-Enhanced Crystal View wide XGA+ TFT display; Brightness 370 nits; contrast ratio 600:1	
	Video Controller	ATI Mobility™ Radeon® X1600 with 512 MB HyperMemory™ ³ , available for HD DVD-ROM and DL DVD Writer ATI Mobility™ Radeon X1400 with 256MB HyperMemory™ ⁴ , available for DL DVD Writer
	Resolution	Maximum internal display: 1440 x 900, 16M colors External monitor: 1600 x 1200, 16M colors Simultaneous display: 1400 x 1050, 16M colors
Hard Drive⁵	Primary Serial ATA Hard Drives	Secondary Serial ATA Hard Drives
	160GB (4200rpm) 200GB (4200rpm)	200GB = 100GB + 100GB (5400rpm) 200GB = 100GB + 100GB (7200rpm) 320GB = 160GB + 160GB (4200rpm) 400GB = 200GB + 200GB (4200rpm)
Optical Drive	Dual-Layer Multi-Format DVD Writer:	HD DVD-ROM drive:
	24x CD-R 10x CD-RW 8x DVD-R 4x DVD-RW 2x DVD-R DL	8x DVD+R 4x DVD+RW 2.4x DVD+R DL 5x DVD-RAM
		1x HD DVD-ROM 24x CD-ROM CD-R (24x read, 16x write), CD-RW (24x read, 10x write) 8x DVD-ROM DVD-R (8x read, 4x write) DVD-R DL (4x read, 2x write) 4x DVD-RW, DVD+R (8x read, 4x write) DVD+R DL (4x read, 2.4x write) 4x DVD+RW, 3x DVD-RAM
Audio	Realtek ALC262 Headphone/line-out/optical digital (SPDIF) jack Microphone/line-in jack 2 internal stereo speakers and subwoofer	
Communication	Multinational ⁶ 56K ⁷ V.90 modem and 10/100/1000 Gigabit Ethernet LAN	
Wireless Communication	Intel® PRO/Wireless 3945ABG Network Connection (Tri-mode 802.11a/b/g) Wi-Fi ⁸ , CCX and WPA certified	
User Interfaces	Integrated touchpad with fingerprint sensor which can also be used for scroll function. 103-key full-size keyboard with a separate 10-key keypad; 19 mm key pitch and 3 mm key stroke	
Ports	Five USB 2.0 IEEE 1394 (4-pin) S-Video out	External video Modem (RJ-11) Gigabit Ethernet (RJ-45)
Card Slots	One Type I/II PCMCIA slot One ExpressCard™ slot 54 mm/34 mm	One shared slot for: Memory Stick® Memory Stick PRO™ Secure Digital (SD) card xD Picture card
Security	Security lock slot Integrated fingerprint sensor	
Battery⁹	Main lithium ion battery for HD DVD-ROM (6-cell 10.8V, 3200 mAh) and standard battery (6-cell 10.8V, 4000 mAh). Up to 1 hour ⁷ battery life.	
AC Adapter	Autosensing 100-240V AC, 150W, supplying 19V DC, 7.90A	
Dimensions/Weight	15.86" x 11.6" x 1.8" / 2.02"; approx. 10.58 lbs. with TV tuner and dual hard drives; 9.92 lbs. without TV tuner and single hard drive	
Operating Temperature	41°F to 95°F / 5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing	
Non-Operating Temperature	5°F to 140°F / -15°C to 60°C; 8% to 85% relative humidity, non-condensing	
Key Accessories	For a full list of accessories, visit www.shopfujitsu.com or call 1-800-FUJITSU Optional external TV tuner with Media Center Edition Additional Remote control for Media Center Edition Additional battery; Lithium ion (6-cell 10.8V, 4000 mAh) Additional AC adapter	
Optional TV Tuner	Video ports	Audio ports
	Antenna Input: 750 ohm F type connector (mini-jack, adapter cable provided) Composite Video: RCA yellow (1Vpp 75 ohm) S Video: 4 pins (Y:1Vpp 75 ohm)	Audio Input -Left: RCA jack (white) max. 1Vrms -Right: RCA jack (red) max. 1Vrms
	Resolution	720 x 480
	Channel Support	US TV channel; VHF 2-13 / A-5 - W+28; UHF 14 - 69 / W+29 - W+28
	Encoder Specification	Video compression method: MPEG2; Audio compression method: MPEG Audio Layer 2

Compliance and Service Information

Compliance	FCC Part 15B Class B and FCC Part 15C; IC ICES-003 Class B and RSS-210 UL-cUL Listed FCC Part 68; IC CS-03 CE Marking ENERGY STAR® ExpressCard™ ID EC100062
Warranty⁹	One- or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.



LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE, OR FEDERAL LAWS.