



## LifeBook U820 Convertible Mini-Notebook

Delivering touch screen capability, long battery life, and Microsoft® Windows® computing power, the innovative LifeBook® U820 convertible mini-notebook is stylish, super compact, ultra light weight starting at a mere 1.32 lbs, yet offers full Windows functionality for users on-the-go. The built in GPS-functionality turns this unit into a Garmin Mobile® PC powered navigation system.

### OVERVIEW

Convertible form factor with a brilliant 5.6" WXGA Crystal View display with touch screen, webcam and Fingerprint Sensor

Ultra light super compact UMPC/mini-notebook starting at 1.32 pounds

Pre-installed with Genuine Windows® XP Tablet PC Edition 2005, Genuine Windows Vista® Home Premium or Windows Vista® Business and 1 GB of system memory

Ultra versatile, multi-functional design for intuitive touch or pen input, or thumb typing with the comfortable built-in QWERTY keyboard

GPS Navigation: Built-in GPS receiver and integrated Garmin Mobile PC

Comprehensive connectivity with built-in wireless LAN, Bluetooth, Ethernet-capability and optional integrated wireless Broadband (WWAN)

Shock-mounted hard drive

### BENEFITS

Powered by the Intel® Z530 Processor, the Fujitsu LifeBook U820 mini-notebook provides the processing power and efficient energy use to power through your day. You will experience up to 7 hours and 30 minutes' of ultra-mobile computing on a single battery with this amazing mini-notebook.

#### Product Versatility

Don't be fooled by its size, starting at a mere 1.32 lbs. and diminutive form factor, the LifeBook U820 mini-notebook has plenty of power to let you work, access your office network, check e-mail, find your way via the integrated GPS, or conduct video conferences. Whether waiting for your next flight, or sipping a latte' at your favorite cafe, it lets you watch downloaded movies, listen to MP3 files, play games, browse the Internet, take pictures, or stay connected to your family and friends.

With the LifeBook U820 you will never get lost again. Simply use its integrated GPS Navigation capability to locate where you are or where you want to go. Packed with preloaded maps, millions of destinations/ POIs, turn-by-turn directions, route planning and full GPS navigation capabilities, Garmin Mobile PC software turns your LifeBook U820 mini-notebook into a powerful street navigator. It completely revolutionizes the way you work and play—wherever you are, whenever you want. Welcome to the extremely free lifestyle of the 21st Century with the ultra mobile LifeBook U820 mini-notebook.

#### Converging Connectivity

The LifeBook U820 mini-notebook features an integrated Webcam with 1.3 mega pixel (640 x 480 resolution) for easy video chat with your friends and very convenient digital picture-taking. It truly epitomizes the idea of an all-capable ultra-mobile companion.

If you use a Bluetooth-enabled cellular phone or PDA, your LifeBook U820 mini-notebook is equipped with integrated Bluetooth (version 2.1) wireless technology for data synchronization and swapping images. It's also very easy to stay connected while on the go with Atheros XSPAN® (802.11a/b/g/draft-n) wireless technology. With the optional integrated wireless high-speed Broadband (WWAN) model, you can stay connected virtually anywhere to access your e-mail and office network with ease.

#### Uncompromised Security

With advanced security features such as BIOS Lock<sup>3</sup> and Fingerprint Sensor your confidential data is protected against intrusion by unauthorized parties; and physical theft is deterred with a Kensington® lock slot.

## SOFTWARE

<b>Operating Systems</b>	Genuine Windows Vista® Home Premium with Microsoft® Office OneNote® 2007 and Microsoft® Works 9.0 and Microsoft® Office Home and Student Trial Genuine Windows Vista® Business with Microsoft® Office OneNote® 2007 and Microsoft® Office Ready PC: Microsoft® Office Professional 2007 (60-Day Trial) Genuine Windows® XP Tablet PC Edition 2005 with Microsoft® Office OneNote® 2007 and Microsoft® Office Ready PC: Microsoft® Office Professional 2007 (60-Day Trial)
<b>Bundled Software</b>	Adobe Reader®, ArcSoft WebCam Companion 2, Microsoft® Origami for Vista® (Genuine Windows Vista® models only), OmniPass Fingerprint application (located in "3rd Party Software" folder on Desktop), Fujitsu Driver Update utility, Microsoft® Office Ready PC with Office Activation Assistant, Microsoft® Works with Microsoft® Office 2007 Student and Home Trial Edition (Genuine Windows Vista® Home Premium only), Microsoft® Office OneNote 2007

## KEY SPECIFICATIONS

(Listed specifications are for the current model only and NOT for earlier models or revisions to this product.)

<b>Processor</b>	Intel Atom™ Processor Z530 (1.6GHz, 32+24KB L1 Cache, 512KB L2 Cache, 533MHz FSB)
<b>Memory</b>	1 GB DDR2 533 MHz SDRAM dual-channel memory
<b>Display</b>	LCD 5.6-inch Crystal View WXGA, Touch screen Internal 1,280 x 800 resolution, 16M colors External 1,280 x 1,024 resolution, 16M colors Simultaneous: Windows Vista® mode: 1024 x 600 pixel resolution Video Controller Intel® System Controller Hub US15W. Up to 224 MB shared video memory
<b>Digitizer</b>	Passive Touch Screen
<b>Webcam</b>	Integrated 1.3 mega-pixel webcam
<b>Hard Drive<sup>2</sup></b>	60 GB or 120 GB, 1.8-inch Parallel ATA Ultra DMA 100 (4200rpm) Shock-mounted Optional 64 GB solid state drive
<b>Audio</b>	Audio Realtek™ Codec ALC269 with High Definition (HD) audio
<b>Communication</b>	Realtek™ 8101L 10/100 Ethernet LAN (with included cable)
<b>Wireless Communication</b>	Optional Bluetooth v2.1, Integrated Atheros XSPAN® (802.11a/b/g/draft-n)
<b>Wireless Broadband<sup>3</sup></b>	Optional: AT&T Wireless Broadband Connect (3G, HSPA)
<b>GPS</b>	GPS Navigation: Built-in GPS receiver and integrated Garmin Mobile® PC
<b>User Interface</b>	Keyboard with Glide Point: 68 key, 15 mm key pitch, 13.0 mm key stroke; Left click and right click buttons, Fingerprint Sensor
<b>Connector Interface</b>	Secure Digital (SD) Card slot One Compact Flash (CF) slot, One USB 2.0 (Universal Serial Bus) connector, for input/output devices, One DC In connector, Port Replicator connector (also accommodates external video/LAN cable adapter), One stereo headphone jack, One stereo microphone jack
<b>Card Slots</b>	1 x Type I/II CF Card slot 1 x Secure Digital (SD) Card Reader
<b>Security</b>	User and supervisor BIOS password <sup>3</sup> , Boot Sector Write Prevention, Fingerprint Sensor, Kensington® Lock Slot, BIOS support for Computrace/LoJack theft recovery system (Service required).
<b>Battery<sup>1</sup></b>	Standard Lithium ion battery: 2-cell, 7.2V 2900mAh; rated up to 3 hrs. 30 mins. High-capacity Lithium ion: 4-cells, 7.2V, 5200mAh; rated up to 7 hrs. 30 mins.
<b>AC Adapter</b>	Input AC 100–240V, Output DC 16V 60W, 4.22A
<b>Dimensions/Weight</b>	With 2-cell battery: Approximately 6.73"(w) x 5.31"(d) x 1.16"/1.46"(h) With 4-cell battery: Approximately 6.73"(w) x 6.14"(d) x 1.16"/1.46"(h) Starting at approx. 1.32 lbs.
<b>Operating Temperature</b>	41°F to 95°F/5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing
<b>Non-Operating Temperature</b>	5°F to 140°F/-15°C to 60°C, 8% to 85% relative humidity, non-condensing
<b>Key Accessories</b>	For a full list of accessories visit us.fujitsu.com/solutions or call 1-800-831-3183 Docking Cradle Connector Interface: USB 2.0 x 4, VGA (external display), RJ45 (LAN), Power Adapter DC-in
<b>Warranty<sup>4</sup></b>	One- or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.



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1) Battery life estimates reflect the results of BAPCo MobileMark2007 Productivity Workloads performed upon systems with battery life setting enabled on Windows Vista operating systems. 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.

2) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

3) BIOS Lock needs a supervisor/user password to access BIOS setup. BIOS settings can be configured to prompt for password at every first bootup or all bootup sequences. Access to BIOS setup is needed to configure Hard Disk Lock. Hard Disk Lock requires an access key to retrieve data on the hard disk. This is a Data Confidentiality security feature. LifeBook Lock requires a supervisor/user password to bootup the LifeBook when it powers up or resumes last session from suspend/hibernate mode. This is an anti-theft feature with more than 800,000 password combinations using the buttons on the Quick Launch Panel. Anti-theft Lock Slot allows the use of a lock to physically secure the LifeBook. Smartcard slot usage is dependent on customer's solution. Fingerprint sensor uses AuthenTec TruePrint Technology and Softex OmniPass to remember customer list of user IDs and passwords. Full security unlock sequence - LifeBook Lock, Bootup Lock (BIOS Lock), Hard Disk Lock, Fingerprint Windows Logon. NOTE: Loss of password requires the LifeBook to be returned to Japan factory for system refresh. Cost of shipment and lost data will be borne by the customer. Backup your user's profile before changing HDD. Without the user's profile associated with a document at the point of encryption, Softex OmniPass cannot decrypt the encrypted document.

4) 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.

5) Wireless service is not included with notebook/tablet PC. Activation, credit approval, and 2-year minimum commitment required. Monthly service fee, taxes, surcharges are extra. Actual connectivity is subject to wireless service provider's coverage area and may be affected by equipment, topography, signal strength, environmental considerations, and other factors. Service may vary significantly within buildings. Coverage not available everywhere—see AT&T Wireless Broadband Connect coverage map for details. Terms and Conditions and additional restrictions apply.

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