

# LifeBook A3110

- Value-priced, full-featured 15.4-inch notebook
- Brilliant SuperFine Wide XGA display for excellent movies and pictures viewing
- Comprehensive connectivity with USB 2.0 x 3, Secured Digital/ Memory Stick®/ Memory Stick® PRO/ xD, PC card, ExpressCard™, IEEE1394 and S-Video out
- Health and environment friendliness with RoHS compliance<sup>8</sup>
- Windows Vista™ Capable<sup>14</sup>



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**Note:** For countries not listed above, please contact our Singapore office.

Recommended Configurations		
Platform	AMD Turion™ 64 X2 Mobile Technology TL-50 (1.60GHz, 256KB x 2 L2 cache, 1600MHz HTSB <sup>12</sup> )	Mobile AMD Sempron™ processor 3200+ <sup>16</sup> (1.60GHz, 512KB L2 cache, 1600MHz HTSB <sup>12</sup> )
OS Supported	Genuine Windows® XP Professional (or Genuine Windows® XP Home Edition)	
Display	15.4-inch SuperFine WXGA TFT, 1280 x 800 pixels	
Built-in Bay Device	Dual Layer Super Multi Writer <sup>7</sup> / DVD/ CD-RW Combo Drive	
Memory	512MB DDR2 667MHz	
Hard Disk	80GB	
Battery	Up to 1.9hrs <sup>1</sup> (4-cell Li-ion 2000mAh) Up to 3.1hrs <sup>1</sup> (6-cell Li-ion 4000mAh)	Up to 2.0hrs <sup>1</sup> (4-cell Li-ion 2000mAh) Up to 3.2hrs <sup>1</sup> (6-cell Li-ion 4000mAh)
Weight	Approx. 2.75kg (w/ 4-cell battery)	
Specifications		
Chipset	ATI Radeon® Xpress 1150 + SB450	
Max. Memory Supported <sup>11</sup>	4GB DDR2 667MHz, Dual Channel	
Hard Disk Drive	Ultra ATA-100, S.M.A.R.T support, Two Partitions - 50/50 <sup>10</sup> , protected by Fujitsu 3D Shock Sensor <sup>15</sup>	
Graphics	ATI Radeon® Xpress 1150, selectable 32/64/128/256MB shared memory <sup>5</sup> with PCI Express 2D/3D graphics performance	
High Definition (HD) Audio	RealTek ALC262 HD audio codec with dual built-in stereo speakers HD Audio-in: External Mic-in, Line-in HD Audio-out: Headphone-out, Line-out	
Communication	56K V.92 <sup>2</sup> Global Modem MDC1.5, 1000/100/10Mbps <sup>3</sup> Gigabit Ethernet PCI Express x 1 and Super AG™/ Super G™ <sup>4</sup> wireless connection with dual antenna Separate ON/OFF switch for wireless network connection, Bluetooth® v2.0 (optional)	
User Interface	Spill-resistant Keyboard <sup>9</sup> : 87-key, 19mm key pitch, 2.7mm key stroke Intelligent Touch Pad with configurable vertical and horizontal scroll functions	
Card Slot	PC Card Type II, ExpressCard™/ 34/ 54 support Secured Digital/ Memory Stick®/ Memory Stick® PRO/ xD	
Connector Interface	USB 2.0 x 3, VGA (external display), RJ45 (LAN), RJ11 (modem), S-Video out, IEEE1394, HD Audio-in, HD Audio-out, Power Adapter DC-in	
Quick Launch Panel	Four Programmable Application Launch Buttons (Internet, Email and two other softwares)	
Security <sup>6</sup>	BIOS Lock, Hard Disk Lock, Anti-theft Lock Slot, Fingerprint Sensor (optional)	
Dimensions	360mm (W) x 265mm (D) x 37.8mm (H)	
Bundled Accessories		
AC Adapter	Input AC 100-240V, Output DC 19V 80W	
Bundled Software	CyberLink Power2Go™, CyberLink PowerProducer™, Roxio Easy Media Creator, Sonic DLA, Adobe Acrobat Reader 6.0, Fujitsu UpdateNavi <sup>13</sup> , Fujitsu Hardware Diagnostic, Fujitsu Display Manager, Fujitsu 3D Shock Sensor Utility, Fujitsu FlashAid, Sun Microsystems Java Runtime	
Software on CD	1 year Full Licensed Norman Virus Control with Sandbox Technology and Norman Personal Firewall	
Optional Accessories		
Floppy Disk Drive	External USB 1.44MB FDD	
Mouse	USB Optical Scroll Mouse	

The above information shows the general technical specifications of the product and does not represent actual configuration. For specific configurations and their availability, please check with your local distributors.

- Results obtained from BAPOC MobileMark2002 (Reader Workload) performed on systems with maximum battery life settings. Actual battery life will vary based on screen brightness, sound volume settings, running applications, connected peripherals, power management settings, battery conditioning, and other customer preferences. Built-in bay devices or hard drive usage may also have a significant impact on battery life. Note: Up to 1.9hrs battery life is based on AMD Turion™ 64 X2 TL-50 Mobile Technology configuration with standard 4-cell battery. Up to 3.1hrs battery life is based on AMD Turion™ 64 X2 Mobile Technology TL-50 configuration with standard 6-cell battery. Up to 3.2hrs battery life is based on AMD Sempron™ processor 3200+ configuration with standard 6-cell battery.
- Maximum 56Kbps performance varies according to your local service providers' services as well as line condition. V.92 performance is dependent on local service providers' services.
- This term does not represent actual data rate of 1000/100/10Mbps and simply indicates compliance with IEEE 802.3, IEEE 802.3u and IEEE 802.3ab standards. Actual maximum data rate depends on network configurations, cable conditions as well as connected devices.
- Super AG™ and Super G™ are trademarks of Atheros® Communications. Super AG™ and Super G™ modes deliver up to 108 Mbps raw data rate with typical end user throughput exceeding 60 Mbps in a wireless network environment where wirelessly connected equipment are using Atheros Super AG™ or Super G™ enabled chipsets.
- Memory allocation (max. 256MB) can be pre-set in the BIOS setup for optimal graphics and system performance. The memory size available to the Operating System will be less than the total size of installed memory modules.
- 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. Anti-theft Lock Slot allows the use of a lock to physically secure the LifeBook. Fingerprint sensor uses AuthenTec TruePrint™ technology and Softex OmniPass to remember customer list of user IDs and passwords. Full security unlock sequence - 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. 2-password refers to Master Password and User Password of the HDD Lock. The Master Password can be used to clear the User Password at the BIOS settings under Hard Disk Security. If HDD Lock prompt is enabled, only the User Password can be used to boot up the unit. Loss of these 2 passwords means the HDD content cannot be retrieved. It is the customer's responsibility to ensure the safe keeping of these 2 passwords for retrieval of data from the locked HDD.
- Supports DVD multi formats such as DVD-RAM, DVD+RW, DVD+R DL, DVD+R, DVD-R, DVD-RW, CD-RW, CD-R, CD-ROM and DVD-ROM.
- RoHS (Restriction on Hazardous Substances) compliance means the system and its internal components comply with the EU RoHS directive (2002/95/EC) on the restricted use of six hazardous substances in the production of the system and its internal components.
- Spill-resistant keyboard does not imply the system is water-proof. If liquid is spilled onto the keyboard, power off the system immediately and turn the notebook upside down to drain off the liquid.
- This refers to Windows® XP hard disk drives C:\ and D:\. 50/50 refers to approximate 50% allocation of user accessible hard disk storage to C:\ and D:\ drives.
- 4GB DDR2 667MHz maximum memory is supported when Fujitsu recommended 2GB DDR2 667MHz memory module is made available.
- This is refers to HyperTransport™ System Bus (HTSB) up to 1600MHz full duplex.
- UpdateNavi is a Fujitsu Proprietary application that updates LifeBook drivers by connecting automatically to Fujitsu's server. This will help update your LifeBook with the latest software drivers and utilities to ensure compatibility between hardware and software, maintaining smooth operation anytime, anywhere.
- 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](http://www.windowsvista.com/getready) for details.
- Fujitsu 3D Shock Sensor of a powered-up unit retracts hard disk read-write head to a secured zone upon detection of excessive vibrations or shocks. This greatly reduces the possibility of damage to the hard disk and its contents - example in the event of a sudden drop or impact. The sensor monitors movement from three axes and its sensitivity can be adjusted by user to accommodate different working environments using the Fujitsu 3D Shock Sensor Utility.
- This model number indicates relative software performance among Mobile AMD Sempron processors.

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It is natural for all thin-film transistor (TFT) liquid crystal displays (LCD) to show a small number of missing or discoloured dots. These are commonly known as non-conforming pixels. This is a technology limitation of TFT LCD and does not represent a defect. Fujitsu warranty does not cover limitations in technology such as non-conforming pixels.

Specifications reflected above are engineering and hardware specifications. They do not represent actual usage or operating dimensions, sizes, performances and weights as these are dependent on factors such as operating temperature, type of operating system and application used, connected devices and accessories as well as hardware configurations of the notebook. Please check the compatibility of 3rd party accessories before purchase. Ambient temperature: 5° to 35°C / 41 to 95°F (operating), -15° to 60°C / 5 to 140°F (non-operating). Relative humidity: 20% to 85% RH (operating), 8% to 85% RH (non-operating). Please note that, GB=0.1 billion bytes.



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Dealer: