

## DATA SHEET

### LIFEBOOK P8110

The slim companion to go

Utgåva September 2009

#### LIFEBOOK P8110

Liten, lätt och ändå hög prestanda? Svaret på dessa krav är LIFEBOOK P8110. Med den minsta storleken på 12-tums marknaden och en vikt på endast 1,4 kg, inklusive hårddisk och DVD-enhet, erbjuds användaren en hel rad godsaker: alla standardiserade gränssnitt, inklusive HDMI för bästa ljud / bild kvalitet, 3G/UMTS, WLAN och Bluetooth, integrerad webbkamera och lång batteritid. 100% produktivitet är således trygg på resan. Datasäkerhet är oerhört viktigt för mobila användare: LIFEBOOK P8110 uppfyller dessa krav tack vare Fingeravtrycksläsare och TPM. Den nya Intel® SU9600 processorn garanterar ännu bättre prestanda. Tack vare sin eleganta design LIFEBOOK P8110 håller dig i centrum för uppmärksamheten!



#### Elegant design kombinerad med lite storlek

Ultimat mobilitet för maximal komfort på resan.

- 1.4kg, minsta storleken och robust magnesium lock

#### Uppkopplingsbarhet

Trådlös uppkoppling när och var som helst.

- Integrerat mobilt bredband (3G/UMTS), WLAN och Bluetooth

#### Hög säkerhet

Säkra ditt data från oönskad åtkomst.

- Fingeravtrycksläsare, TPM (valbart) och SmartCard kontroller

#### Prestanda och energieffektivitet

P8110 är från början designad för att spara energi, från processor till specialfunktioner

- Intel® Core™2 Duo SU9600 processor, Solid State Disk (Valbart), LED skärm, EcoButton och Power Management system

#### Konfigurations flexibilitet

Olika människor har olika behov

- Design val med blankt eller matt lock och olika handlovsstöd, Mobilt bredband, SSD disk, portreplikator m.m



## Components

<b>Memory modules</b>	4 GB (2 module(s) with 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	3 GB (2 module(s) with 1 GB and 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM
	2 GB (1 module(s) with 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM

<b>Hard disk drives (internal)</b>	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	128 GB SSD SATA, 2.5-inch S.M.A.R.T.

Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
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<b>WLAN (optional)</b>	Atheros Minicard b/g/n Intel® Wireless WiFi Link 5300 AGN 11/13ch
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<b>UMTS/HSUPA (optional)</b>	Sierra Wireless Gobi 2000 (downlink 7.2 MBit/s, uplink 5.76 MBit/s)
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<b>Bluetooth</b>	Bluetooth 2.1
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<b>Base unit</b>	<b>LIFEBOOK P8110, piano black</b>	<b>LIFEBOOK P8110, matt black</b>
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### General system information

Processor	Intel® Core™2 Duo SU9600 (1.6 GHz), 3 MB, 800 MHz	Intel® Core™2 Duo SU9600 (1.6 GHz), 3 MB, 800 MHz
Chipset	Intel® GS45, ICH9-M	Intel® GS45, ICH9-M
BIOS features	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook	BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM	2 DIMM
Supported capacity RAM (max.)	4 GB	4 GB
Memory notes	8 GB - with future memory modules.	8 GB - with future memory modules.

### Interfaces

Memory card slots	1 (SD)	1 (SD)
ExpressCard slots	1	1
SIM card slot	1	1
USB 2.0 total	3	3
VGA	1	1
HDMI	1	1
Ethernet (RJ-45)	1	1

DC-in	1	1
Audio: line-in / microphone	1	1
Audio: line-out / headphone	1	1
Internal microphones	2	2
Docking connector for Port Replicator	1	1
Kensington Lock support	1	1

### Wired communication

LAN	Built-in 10/100/1000 MBit/s Broadcom BCM57780	Built-in 10/100/1000 MBit/s Broadcom BCM57780
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### Wireless technologies

Antennas	3 Dual band WLAN antennas, 2 UMTS antennas	3 Dual band WLAN antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.	Import and usage according to country-specific regulations.
UMTS	Optional	Optional

<b>Built-in drives</b>	DVD Super Multi
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## Keyboard and pointing devices

	Spillproof keyboard	Spillproof keyboard
	Number of keyboard keys: 86, Keyboard pitch: 18 mm, Keyboard stroke: 2.0 mm	Number of keyboard keys: 86, Keyboard pitch: 18 mm, Keyboard stroke: 2.0 mm
	TouchPad with two mouse buttons and scroll via fingerprint sensor Application buttons LaunchCenter button Optional: Fingerprint sensor	TouchPad with two mouse buttons and scroll via fingerprint sensor Application buttons LaunchCenter button Optional: Fingerprint sensor

## Multimedia

Audio type	On board	On board
Audio codec	Realtek ALC269	Realtek ALC269
Audio features	Internal microphone	Internal microphone
Camera	Built-in webcam, 2.0 megapixel	Built-in webcam, 2.0 megapixel

## Graphics

Display	30.7 cm (12.1-inch) TFT 1280 x 800 pixel (WXGA) LED non-glare display	30.7 cm (12.1-inch) TFT 1280 x 800 pixel (WXGA) LED non-glare display
Max. resolution external display	1920 x 1200 / true color / 60 Hz	1920 x 1200 / true color / 60 Hz
Graphics brand name	Mobile Intel® GMA 4500M HD	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)	DualView (Windows XP & Windows Vista)

## Power supply

AC adapter	19 V / 60 W (3.16 A)	19 V / 60 W (3.16 A)
Rated voltage range	100 - 240 V (AC Input)	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz	50 - 60 Hz
1st battery	Li-Ion battery 6-cell, 5200 or 5600 mAh, 56 or 60 Wh	Li-Ion battery 6-cell, 5200 or 5600 mAh, 56 or 60 Wh
Battery features	Rapid charge with 5200mAh	Rapid charge with 5200mAh
Runtime 1st battery	7:15 h (5800mAh) 6:50 h (5200mAh)	7:15 h (5800mAh) 6:50 h (5200mAh)
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.

## Dimensions / Weight / Environmental

Dimension (W x D x H)	282 x 215 x 29.9	282 x 215 x 29.9
Weight	1.4 kg	1.4 kg
Weight notes	Weight may vary depending on actual configuration	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C	5 - 35°C
Operating relative humidity	20 - 85 % (running)	20 - 85 % (running)

## Operating system

Operating system optional preinstalled	Microsoft® Windows Vista® Business 32bit	Microsoft® Windows Vista® Business 32bit
Operating system notes	Driver support for Microsoft Windows XP Professional	Driver support for Microsoft Windows XP Professional

## Additional Software

Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x
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## Additional Software

Additional software (optional)	Drivers & Utilities DVD (DUDVD) UMTS Watcher Windows Vista® recovery media	Drivers & Utilities DVD (DUDVD) UMTS Watcher Windows Vista® recovery media
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## Manageability

Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:	
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)	WMI PXE BootP (made4you)
Manageability link	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>	<a href="http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html">http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html</a>

## Security

Physical security	Kensington Lock support	Kensington Lock support
System security	Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)	Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
User security	Optional: Integrated Fingerprint Sensor Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password	Optional: Integrated Fingerprint Sensor Hard disk password SystemLock BIOS SmartCard security User and supervisor BIOS password

## Product

Europe	CE CE!
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 5.0 in progress Compliant with ISO 9241-307 (Pixel fault class II)
Compliance link	<a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a>

## Portreplicator interfaces (optional)

DC-in	1	1
Power on switch	1	1
Audio: line-out		1
USB 2.0 total	4	4
VGA	1	1
DVI	1	1
Ethernet (RJ-45)	1	1
eSATA	1	1

## Warranty

Standard Warranty	2 years
Service level	Collect & Return Service
<b>Maintenance and Support Services - the perfect extension</b>	
Recommended Service	3 years, Collect and Return Service, where available: Executive On-site Service
Spare Parts availability	5 years

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## Warranty

Service Weblink

<http://ts.fujitsu.com/Supportservice>

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Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:

<http://ts.fujitsu.com/aboutus>

Take back and Recycling information:

<http://ts.fujitsu.com/recycling>

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