

DATASHEET

LIFEBOOK P3110

Small, elegant and energy-efficient

Issue: December 2009

LIFEBOOK P3110

Travel, work and communicate in style, with the portable LIFEBOOK P3110. With its ultra-low-voltage processor, high-resolution 29.5 cm (11.6-inch) LED screen and EnergyStar 5.0 rating, the LIFEBOOK P3110 makes green the new black. Low power consumption coupled with long-life batteries means the LIFEBOOK P3110 only stops when you do.

Responsibility

Responsibility means - low power consumption, thin and light notebook design and enhanced battery life

- ENERGY STAR® 5.0 compliant
- Energy-saving Intel® Ultra Low Voltage processor technology

Mobility

Ultra-mobile and solid design – without any compromise on mobility.

- 29.5 cm (11.6-inch) HD display with LED backlight and BrilliantView technology, perfect for outdoor use
- Small size (285 x 209 x 26.4 / 30.2 mm) and low weight (~ 1.6 kg)
- 6-cell battery for an extended battery life of up to 6:30 hours

Multimedia

Enjoy all your media - and stay connected with family and friends

- Integrated 1.3 megapixels webcam and built-in digital microphone are perfect for video conferencing and Internet telephony (VoIP)
- Optical disc drive sharing function: share the ODD of any device via LAN / WLAN

Unlimited Connectivity

Go online - when and wherever you want



Components

Memory modules	2 GB (1 module(s) 2 GB) DDR2, 800 MHz, PC2-6400, SO DIMM			
Hard disk drives (internal)	500 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.			
Hard disk notes	Hard disk capacity depends on exact configuration. Please check at your local retailer. One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.			
UMTS/HSUPA (optional)	Sierra Wireless Gobi 2000 (downlink 7.2 MBit/s, uplink 5.76 MBit/s)			
Base unit	LIFEBOOK P3110, red, Intel® Pentium® SU4100, without UMTS	LIFEBOOK P3110, red, Intel® Pentium® SU4100, with UMTS option	LIFEBOOK P3110, silver, Intel® Celeron® 743, with UMTS option	LIFEBOOK P3110, black, Intel® Core™2 Duo SU7300, with UMTS option

General system information

Processor	Intel® Pentium® processor SU4100 (1.3 GHz), 2 MB, 800 MHz	Intel® Pentium® processor SU4100 (1.3 GHz), 2 MB, 800 MHz	Intel® Celeron® processor 743 (1.3 GHz), 1 MB, 800 MHz	Intel® Core™2 Duo processor SU7300 (1.3 GHz), 3 MB, 800 MHz
Chipset	Intel® GS45, ICH9-M-SFF-E	Intel® GS45, ICH9-M-SFF-E	Intel® GS45, ICH9-M-SFF-E	Intel® GS45, ICH9-M-SFF-E
Memory slots	2 SO DIMM (DDR2, 800 MHz)	2 SO DIMM (DDR2, 800 MHz)	2 SO DIMM (DDR2, 800 MHz)	2 SO DIMM (DDR2, 800 MHz)
Supported capacity RAM (min.)	2 GB	2 GB	2 GB	2 GB
Supported capacity RAM (max.)	4 GB	4 GB	4 GB	4 GB
Memory notes	Memory size depends on exact configuration. Please check at your local retailer.	Memory size depends on exact configuration. Please check at your local retailer.	Memory size depends on exact configuration. Please check at your local retailer.	Memory size depends on exact configuration. Please check at your local retailer.

Interfaces

Memory card slots	1x 4-in-1 card reader (supported formats: SD, MS, MS Pro, MMC)	1x 4-in-1 card reader (supported formats: SD, MS, MS Pro, MMC)	1x 4-in-1 card reader (supported formats: SD, MS, MS Pro, MMC)	1x 4-in-1 card reader (supported formats: SD, MS, MS Pro, MMC)
USB 2.0 total	3	3	3	3
VGA	1	1	1	1
Ethernet (RJ-45)	1	1	1	1
DC-in	1	1	1	1
Audio: line-in / microphone	1	1	1	1
Audio: line-out / headphone	1	1	1	1
Internal microphones	1	1	1	1
Kensington Lock support	1	1	1	1

Wired communication

LAN	Ethernet (10/100 Mbit/s)	Ethernet (10/100 Mbit/s)	Ethernet (10/100 Mbit/s)	Ethernet (10/100 Mbit/s)
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Wireless technologies

Bluetooth	v2.1 + EDR (Enhanced Data Rate)	v2.1 + EDR (Enhanced Data Rate)	v2.1 + EDR (Enhanced Data Rate)	v2.1 + EDR (Enhanced Data Rate)
WLAN	WLAN (IEEE 802.11b/g/n)	WLAN (IEEE 802.11b/g/n)	WLAN (IEEE 802.11b/g/n)	WLAN (IEEE 802.11b/g/n)
WLAN notes	For use in: BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY	For use in: BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY	For use in: BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY	For use in: BE, CH, DK, DE, EE, FI, FR, EL, IE, IS, IT, LI, LV, LT, LU, MT, NL, NO, PL, AT, PT, SE, SK, ES, CZ, HU, UK, CY

Keyboard and pointing devices

	Number of keyboard keys: 85, Keyboard pitch: 19.5 mm, Keyboard stroke: 1.8 mm	Number of keyboard keys: 85, Keyboard pitch: 19.5 mm, Keyboard stroke: 1.8 mm	Number of keyboard keys: 85, Keyboard pitch: 19.5 mm, Keyboard stroke: 1.8 mm	Number of keyboard keys: 85, Keyboard pitch: 19.5 mm, Keyboard stroke: 1.8 mm
	Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn + F4)	Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn + F4)	Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn + F4)	Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn + F4)

Multimedia

Audio type	On board	On board	On board	On board
Audio codec	Realtek ALC269Q-GR	Realtek ALC269Q-GR	Realtek ALC269Q-GR	Realtek ALC269Q-GR
Audio features	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key (down: Fn+F8; up: Fn+F9)	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key (down: Fn+F8; up: Fn+F9)	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key (down: Fn+F8; up: Fn+F9)	Support of high-definition audio, 2x built-in speakers (stereo), Built-in digital microphone, Sound volume control via function key (down: Fn+F8; up: Fn+F9)
Camera	1.3 megapixel webcam	1.3 megapixel webcam	1.3 megapixel webcam	1.3 megapixel webcam

Graphics

Display	29.5 cm (11.6-inch) LED backlight, BrilliantView TFT 1366 x 768 pixel (HD) LED backlight, BrilliantView	29.5 cm (11.6-inch) LED backlight, BrilliantView TFT 1366 x 768 pixel (HD) LED backlight, BrilliantView	29.5 cm (11.6-inch) LED backlight, BrilliantView TFT 1366 x 768 pixel (HD) LED backlight, BrilliantView	29.5 cm (11.6-inch) LED backlight, BrilliantView TFT 1366 x 768 pixel (HD) LED backlight, BrilliantView
Max. resolution external display	1600 x 1200 pixel	1600 x 1200 pixel	1600 x 1200 pixel	1600 x 1200 pixel
Graphics brand name	Mobile Intel® Graphics Media Accelerator 4500MHD	Mobile Intel® Graphics Media Accelerator 4500MHD	Mobile Intel® Graphics Media Accelerator 4500MHD	Mobile Intel® Graphics Media Accelerator 4500MHD
Graphics features	DirectX® 10.1 support - for stunning 3D graphics and shading effects	DirectX® 10.1 support - for stunning 3D graphics and shading effects	DirectX® 10.1 support - for stunning 3D graphics and shading effects	DirectX® 10.1 support - for stunning 3D graphics and shading effects
Shared video memory	up to 1759 MB	up to 1759 MB	up to 1759 MB	up to 1759 MB

Power supply

AC adapter	19 V / 60 W (3.16 A)	19 V / 60 W (3.16 A)	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)	100 - 240 V (AC Input)	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz	50 - 60 Hz
1st battery	Li-Ion battery 6-cell, 5200 mAh,	Li-Ion battery 6-cell, 5200 mAh,	Li-Ion battery 6-cell, 5200 mAh,	Li-Ion battery 6-cell, 5200 mAh,
Battery features	Dynamic charge supported (rapid charge)	Dynamic charge supported (rapid charge)	Dynamic charge supported (rapid charge)	Dynamic charge supported (rapid charge)
Runtime 1st battery	Up to 6:30 hours	Up to 6:30 hours	Up to 6:30 hours	Up to 6:30 hours

Power supply

Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook. #Battery runtime tested with MobileMark 2007 (Productivity Workload 2007).	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook. #Battery runtime tested with MobileMark 2007 (Productivity Workload 2007).	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook. #Battery runtime tested with MobileMark 2007 (Productivity Workload 2007).	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time varies depending on usage. The recharge capacity may decrease after some months so that the battery lifetime as well as operating time can not be assured for the whole lifetime of the notebook. #Battery runtime tested with MobileMark 2007 (Productivity Workload 2007).
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Dimensions / Weight / Environmental

Dimension (W x D x H)	285 x 209 x 26.4(front) / 30.2 (back)	285 x 209 x 26.4(front) / 30.2 (back)	285 x 209 x 26.4(front) / 30.2 (back)	285 x 209 x 26.4(front) / 30.2 (back)
Weight	Approx. 1.6 kg (with 6-cell battery)	Approx. 1.6 kg (with 6-cell battery)	Approx. 1.6 kg (with 6-cell battery)	Approx. 1.6 kg (with 6-cell battery)
Weight notes	Actual weight may vary depending on configuration	Actual weight may vary depending on configuration	Actual weight may vary depending on configuration	Actual weight may vary depending on configuration
Operating ambient temperature	Running: 5 - 35°C; Packed -15 - 60°C	Running: 5 - 35°C; Packed -15 - 60°C	Running: 5 - 35°C; Packed -15 - 60°C	Running: 5 - 35°C; Packed -15 - 60°C
Operating relative humidity	Running: 20 - 85%; Packed 8 - 85% (relative humidity, non-condensing)	Running: 20 - 85%; Packed 8 - 85% (relative humidity, non-condensing)	Running: 20 - 85%; Packed 8 - 85% (relative humidity, non-condensing)	Running: 20 - 85%; Packed 8 - 85% (relative humidity, non-condensing)

Operating system

Operating system optional preinstalled	Genuine Microsoft® Windows® 7 Professional 32-bit Genuine Microsoft® Windows® 7 Home Premium 32-bit	Genuine Microsoft® Windows® 7 Professional 32-bit Genuine Microsoft® Windows® 7 Home Premium 32-bit	Genuine Microsoft® Windows® 7 Professional 32-bit Genuine Microsoft® Windows® 7 Home Premium 32-bit	Genuine Microsoft® Windows® 7 Professional 32-bit Genuine Microsoft® Windows® 7 Home Premium 32-bit
Operating system notes	Genuine Microsoft® Windows® 7 Professional option only for Intel® Core™2 Duo or Intel® Celeron® processor	Genuine Microsoft® Windows® 7 Professional option only for Intel® Core™2 Duo or Intel® Celeron® processor	Genuine Microsoft® Windows® 7 Professional option only for Intel® Core™2 Duo or Intel® Celeron® processor	Genuine Microsoft® Windows® 7 Professional option only for Intel® Core™2 Duo or Intel® Celeron® processor

Additional Software

Additional software (preinstalled)	<p>Adobe Acrobat Reader</p> <p>Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system)</p> <p>Windows Media Center edition</p> <ul style="list-style-type: none"> - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows <p>(For certain aspects of Windows Media Center functionality, a TV tuner and additional hardware may be required. To watch Internet TV, Internet access is required. Free Internet TV content varies by geography. Some content may require additional fees.)</p> <p>CyberLink YouCam</p> <p>Optical disc drive sharing function</p> <p>Microsoft® Internet Explorer</p> <p>Country specific Internet Service Providers</p> <p>Symantec Norton Internet Security (90-day trial version)</p>	<p>Adobe Acrobat Reader</p> <p>Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system)</p> <p>Windows Media Center edition</p> <ul style="list-style-type: none"> - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows <p>(For certain aspects of Windows Media Center functionality, a TV tuner and additional hardware may be required. To watch Internet TV, Internet access is required. Free Internet TV content varies by geography. Some content may require additional fees.)</p> <p>CyberLink YouCam</p> <p>Optical disc drive sharing function</p> <p>Microsoft® Internet Explorer</p> <p>Country specific Internet Service Providers</p> <p>Symantec Norton Internet Security (90-day trial version)</p>	<p>Adobe Acrobat Reader</p> <p>Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system)</p> <p>Windows Media Center edition</p> <ul style="list-style-type: none"> - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows <p>(For certain aspects of Windows Media Center functionality, a TV tuner and additional hardware may be required. To watch Internet TV, Internet access is required. Free Internet TV content varies by geography. Some content may require additional fees.)</p> <p>CyberLink YouCam</p> <p>Optical disc drive sharing function</p> <p>Microsoft® Internet Explorer</p> <p>Country specific Internet Service Providers</p> <p>Symantec Norton Internet Security (90-day trial version)</p>	<p>Adobe Acrobat Reader</p> <p>Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system)</p> <p>Windows Media Center edition</p> <ul style="list-style-type: none"> - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows <p>(For certain aspects of Windows Media Center functionality, a TV tuner and additional hardware may be required. To watch Internet TV, Internet access is required. Free Internet TV content varies by geography. Some content may require additional fees.)</p> <p>CyberLink YouCam</p> <p>Optical disc drive sharing function</p> <p>Microsoft® Internet Explorer</p> <p>Country specific Internet Service Providers</p> <p>Symantec Norton Internet Security (90-day trial version)</p>
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Security

Physical security	Kensington Lock support	Kensington Lock support	Kensington Lock support	Kensington Lock support
	Lid switch (hidden)	Lid switch (hidden)	Lid switch (hidden)	Lid switch (hidden)
User security	User and supervisor password	User and supervisor password	User and supervisor password	User and supervisor password

Product

Europe	CE Marking R&TTE (WLAN, Bluetooth®)
Global	ENERGY STAR® 5.0 WiFi certified RoHS (Restriction of hazardous substances)
Russia	GOST
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Warranty

Standard Warranty	1 year / 2 years (depending on country)
Service level	Collect & Return Service / Bring in (depending on county specific requirements)

Maintenance and Support Services - the perfect extension

Recommended Service	3 years, Collect & Return Service
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Warranty

Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

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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