

DATA SHEET

LIFEBOOK P8020

Impressive style for expressive people

Issue: June 2009

LIFEBOOK P8020

The LIFEBOOK P8020 is simply impressive. Weighing only 1.3 kg, including hard disk and optical drive, it has all the standard interfaces including integrated 3G/UMTS and integrated ConfCam. This 30.7 cm (12.1-inch) notebook makes all your wishes come true. Its 4 Launch keys ensure swift and uncomplicated access to your personal applications. Thanks to its small form factor and elegant design the LIFEBOOK P8020 is always the center of attention. In short: Attractiveness and functionality in one device.



Unlimited connectivity

Wireless connectivity anytime and anywhere, even when the nearest hot spot is out of reach.

- Fast connection with integrated WLAN, UMTS and Bluetooth.

Attractive design

Ultimate mobility for maximum comfort while on the move, now with a new, even smaller AC adapter.

- 1.3 kg notebook finished in an attractive piano-lacquer design.

Unparalleled security

Protect your company data.

- TPM, fingerprint sensor, SmartCard controller.

Best energy efficiency

No need for an external power supply. Be on the ball - the entire business day.

- EcoButton and Power Management system extends battery life and reduces energy consumption.

Expanded flexibility

Simply transform your system into a fully-fledged desktop PC.

- Portreplicator



Components

| | |
|-----------------------|---|
| Memory modules | 2 GB (1 module(s) with 2 GB) DDR3, 1066 MHz, PC3-8500, SODIMM |
| | 1 GB (1 module(s) with 1 GB) DDR3, 1066 MHz, PC3-8500, SODIMM |

| | |
|------------------------------------|---|
| Hard disk drives (internal) | 320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. |
| | 160 GB, 7200 rpm, SATA, 2.5-inch |
| | 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. |
| | 64 GB SSD SATA, 2.5-inch |

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|-----------------|---|
| 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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|------------------------------|---|
| UMTS/HSUPA (optional) | Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s) |
|------------------------------|---|

| | |
|------------------|---------------------------|
| Base unit | LIFEBOOK P8020 ODD |
|------------------|---------------------------|

General system information

| | |
|-------------------------------|--|
| Processor | Intel® Core™2 Duo SU9400 (1.4 GHz), 3 MB , 800 MHz |
| Chipset | Intel® GS45, ICH9-M |
| BIOS features | BIOS Flash EPROM BIOS based on Phoenix TrustedCore Notebook |
| Memory slots | 2 DIMM |
| Supported capacity RAM (max.) | 4 GB |
| Memory notes | 8 GB - with future memory modules. |

Interfaces

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|---------------------------------------|--------|
| Memory card slots | 1 (SD) |
| PC Card slot (Type I/II) | 1 |
| SIM card slot | 1 |
| USB 2.0 total | 3 |
| FireWire (IEEE1394) | 1 |
| VGA | 1 |
| Ethernet (RJ-45) | 1 |
| DC-in | 1 |
| Audio: line-in / microphone | 1 |
| Audio: line-out / headphone | 1 |
| Internal microphones | 1 |
| Docking connector for Port Replicator | 1 |
| Kensington Lock support | 1 |

Wired communication

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|-----|---|
| LAN | Built-in 10/100/1000 MBit/s Marvell 88E8055 |
|-----|---|

Wireless technologies

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|------------|---|
| Antennas | 3 Dual band WLAN antennas, 2 UMTS antennas |
| WLAN | Intel® Wireless WiFi Link 5300 AGN 11/13ch |
| WLAN notes | Import and usage according to country-specific regulations. |
| UMTS | Yes |

Keyboard and pointing devices

| | |
|--|---|
| | Spill-proof keyboard |
| | 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 Fingerprint sensor |

Multimedia

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|----------------|--|
| Audio type | On board |
| Audio codec | Realtek ALC269 |
| Audio features | Internal microphone |
| Camera | Built-in ConfCamera, 1.3 megapixel, VGA camera |

Graphics

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

Power supply

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|-----------------------|---|
| AC adapter | 16 V / 60 W (3.75 A) |
| Rated voltage range | 100 - 240 V (AC Input) |
| Rated frequency range | 50 - 60 Hz |
| 1st battery | Li-Ion battery 6-cell, 8700 mAh, 62 Wh |
| Benchmark | Mobile Mark 2005 |
| Runtime 1st battery | 6 h |
| Battery notes | Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage. |

Power consumption

| | |
|----------------------------|---|
| Power consumption note | see white paper Energy Consumption |
| Link to Energy White Paper | http://docs.ts.fujitsu.com/dl.aspx?id=e9901fd9-c458-492f-a827-4eeb2a89a65b |

Dimensions / Weight / Environmental

| | |
|-------------------------------|---|
| Dimension (W x D x H) | 274.2~280.4 x 210.1 x 28.5~37.4 mm |
| Weight | 1.3 kg |
| Weight notes | Weight may vary depending on actual configuration |
| Operating ambient temperature | 5 - 35°C |
| Operating relative humidity | 20 - 85 % (running) |

Operating system

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|--|--|
| Operating system optional preinstalled | Microsoft® Windows Vista® Business 32bit Microsoft® Windows Vista® Home Basic |
| Operating system compatible | Microsoft® Windows® XP Professional |
| Operating system notes | 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 |
| Additional software (optional) | Drivers & Utilities DVD (DUDVD) TPM software (with TPM Module only) UMTS Watcher Windows Vista® recovery media |
| Additional software (included as a CD/DVD) | SmartCase Logon+ |

Manageability

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|------------------------|--|
| Manageability features | 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) |

Manageability

| | |
|---------------------|---|
| Supported standards | BootP WMI / CIM / WBEM PXE |
| Manageability link | http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html |

Security

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|-------------------|--|
| Physical security | Kensington Lock support |
| System security | Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security (90 day test version) |
| User security | Integrated Fingerprint Sensor Integrated SmartCard controller in PC Card with system lock support Hard disk password SystemLock BIOS SmartCard security SmartCase Logon+ incl. Fingerprint software User and supervisor BIOS password |

Compliance

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|-----------------|---|
| Europe | CE CE! |
| USA/Canada | FCC Class B (depending on wireless configuration) CSA cUL UL |
| Global | RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronic equipment) Microsoft Operating Systems (HCT / HCL entry / WHQL) WiFi certified ENERGY STAR® 4.0 EPEAT® Silver Compliant with ISO13406-2 (Pixel fault class II) |
| Compliance link | https://sp.ts.fujitsu.com/sites/certificates/default.aspx |

Portreplicator interfaces (optional)

| | |
|------------------|---|
| DC-in | 1 |
| Audio: line-out | 1 |
| USB 2.0 total | 4 |
| VGA | 1 |
| DVI | 1 |
| Ethernet (RJ-45) | 1 |

Possible Accessories

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|----------------------|-----------------|
| Accessories included | Exclusive pouch |
|----------------------|-----------------|

Warranty

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| Standard Warranty | 2 years |
| Service level | Collect & Return Service (depending on country) |

Maintenance and Support Services - the perfect extension

| | |
|--------------------------|---|
| Recommended Service | 3 years, Collect and Return Service, where available: Executive On-site Service |
| Spare Parts availability | 5 years |
| Service Weblink | http://ts.fujitsu.com/Supportservice |

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