

ESPRIMO Mobile U9210

Small size, big business

Issue: August 2008

Fujitsu Siemens Computers is the leading European IT manufacturer. With a strategic focus on innovative mobility and the dynamic data center, we offer a unique range of products and services from notebooks and desktops to servers and IT infrastructure solutions. Famous German engineering and exceptional in-house quality testing capabilities in our test centers ensure extraordinary product quality and reliability across all product lines.

ESPRIMO Mobile U9210

Are you frequently on the road? Travelling from city to city, from one meeting to the next? Then the ESPRIMO Mobile U series is exactly the right travel companion for you. The small, solid 12.1-inch WXGA display notebook ESPRIMO Mobile U9210 with state-of-the-art Intel® Centrino® 2 processor technology enables you to access all your business data wherever you may be. It is the perfect combination: small in size, long battery life and unlimited connectivity. With its new clear-line design the ESPRIMO Mobile U fits perfectly into your office environment.



A small notebook to meet big challenges

Compact notebook containing state-of-the-art components

- 12.1-inch WXGA display, Intel® Centrino® 2 processor technology

Very flexible

The family concept offers standardized accessory components for the ESPRIMO Mobile U, M, D, X series.

- Family port replicator, power supply unit and modular bay for optical drive, second battery or second hard disk drive



Extremely reliable

Stable housing and innovative functions, built to meet the highest requirements.

- ShockSensor, spill proof keyboard, magnesium lid display, robust housing

Unlimited mobility

High-level performance and unlimited connectivity enables highest productivity and permanent data access.

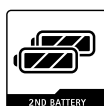
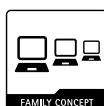
- Intel® Centrino® 2 processor technology, optional WLAN, Bluetooth, 3G/UMTS and optional integrated ConfCam



Maximum security

Protect your company data against unauthorized third-party access.

- Integrated SmartCard reader, optional TPM module and SmartCase Logon+



Components

| | |
|---------------------------------------|---|
| Processor | Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo T9400 (2.53 GHz, 6 MB, 1066 MHz) Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz) Intel® Core™2 Duo P8400 (2.26 GHz, 3 MB, 1066 MHz) Intel® Celeron® 585 (2.16 GHz, 1 MB, 667 MHz) |
| Memory modules | 2 GB (1 x 2 GB, DDR3), 1066 MHz 1 GB (1 x 1 GB, DDR3), 1066 MHz |
| 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 S.M.A.R.T. 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. 120 GB, 5400 rpm, 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 and tool |
| WLAN (optional) | Atheros Minicard b/g 802.11 b/g Intel® Wireless WiFi Link 5300 AGN 11/13ch |
| UMTS/HSUPA (optional) | Option GTM 382 (downlink 7.2 MBit/s, uplink 2.0 MBit/s) |
| Modular bay options | 2nd battery 2nd hard disk drive DVD Super Multi ExpressCard bay Weight saver |
| Base unit | ESPRIMO Mobile U9210 |
| General system information | |
| Chipset | Intel® GM45, ICH 9-M |
| BIOS features | BIOS based on Phoenix TrustedCore Notebook |
| Memory slots | 2 DIMM (DDR3) |
| Supported capacity RAM (max.) | 4 GB |
| Memory notes | 8 GB - with future memory models. |
| Interfaces | |
| DC-in | 1 |
| Audio: line-in / microphone | 1 |
| Audio: line-out /headphone | 1 |
| Internal microphones | 2 |
| USB 2.0 total | 3 |
| VGA | 1 |
| Ethernet (RJ-45) | 1 |
| Modem (RJ-11) | Optional |
| Docking connector for Port Replicator | 1 |
| Kensington Lock support | 1 |
| Memory card slots | 1 (SD/MMC/MS/MSPro/XD) |
| ExpressCard slots | Optional in bay module |
| SIM card slot | 1 |
| eSATA & USB combo | 1 |
| Wired communication | |
| Modem type | Optional: 56 K V.92 modem MDC1.5 |
| LAN | Built-in 10/100/1000 MBit/s Intel® 82567LF |
| Wireless technologies | |
| Antennas | 3 Dual band WLAN antennas, 2 UMTS antennas |
| WLAN notes | Import and usage according to country-specific regulations. |
| UMTS | Optional |
| Keyboard and pointing devices | |
| | Number of keyboard keys: 86, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm TouchPad with two mouse buttons Application buttons |
| Multimedia | |
| Audio type | On board |
| Audio codec | Realtek ALC262 |
| Audio features | Stereo speakers, Internal microphone (array) |
| Camera | Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera |
| Graphics | |
| Display | 12.1-inch TFT 1280 x 800 pixel (WXGA) |
| max. resolution external display | 1920 x 1200 / true color / 85 Hz (tbd) |
| Graphics brand name | Mobile Intel® GMA 4500M HD |
| Graphic features | DualView (Windows XP & Windows Vista) |
| Power supply | |
| AC adapter | 20 V / 90 W (4.5A) |
| Rated voltage range | 100 - 240 V (AC Input) |

| | |
|---------------------------|---|
| Power supply | |
| Rated frequency range | 50 - 60 Hz |
| 1st battery | Li-Ion battery 6-cell, 5200 mAh, 57 Wh |
| 2nd battery | Li-Ion 6 cell, 3800 mAh, 41 Wh |
| Battery features | Dynamic charge supported (rapid charge) |
| Runtime 1st battery | up to 4 h |
| Runtime 1st + 2nd battery | up to 7.5 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. |

Dimensions / Weight / Environmental

| | |
|-------------------------------|--|
| Operating ambient temperature | 5 - 35 °C |
| Operating relative humidity | 20 - 85 % (running) |
| Dimension (W x D x H) | 300 x 229 x 36,5 mm |
| Weight | 1.95 kg |
| Weight notes | Weight may vary depending on actual configuration. |

Operating system

| | |
|--|--|
| Operating system optional preinstalled | Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD) |
| Operating system compatible | Microsoft® Windows® XP Professional |
| Operating system notes | Driver support for Microsoft Windows XP |

Additional Software

| | |
|------------------------------------|---|
| Additional software (preinstalled) | Adobe Acrobat Reader Camera EasyGuide online user documentation Nero Essentials (burning software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Drivers & Utilities DVD (DUDVD) Toshiba Bluetooth Stack Mobile Software Suite: Application Button Utility Wireless Selector Utility ShockSensor Utility Fan Control Utility Power Saving Utility |
| Additional software (optional) | Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) DVD playback software |

Manageability

| | |
|------------------------|--|
| 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) |
| Supported standards | PXE BootP (made4you) WMI |
| Manageability link | http://www.fujitsu-siemens.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html |

Security

| | |
|-------------------|---|
| Physical security | Kensington Lock support |
| System security | Optional: Trusted platform module (TPM 1.2) Symantec Norton Internet Security |
| User security | Hard disk password User and supervisor BIOS password Separate SmartCard slot Optional: Integrated Fingerprint Sensor SystemLock 2 BIOS SmartCard Security |

Compliance

| | |
|-----------------|---|
| Europe | CE CE! |
| USA/Canada | FCC Class B (Depending on wireless configuration) UL cUL |
| All | RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) Energy Star 4.0 tbd Microsoft Operating Systems (HCT / HCL entry / WHQL) Wifi certified |
| Compliance link | https://sp.fujitsu-siemens.com/sites/certificates/default.aspx |

Portreplicator interfaces (optional)

| | |
|-------------------------|----------------------|
| DC-in | 1 |
| Power on switch | 1 |
| Headphones | 1 |
| Microphones | 1 |
| USB 2.0 total | 4 |
| VGA | 1 |
| DVI | 1, DVI-D Single Link |
| Serial (RS-232) | 1 |
| PS/2 (mouse / keyboard) | 1 |
| Ethernet (RJ-45) | 1 |
| Parallel | 1 |
| Kensington Lock support | 2 |
| eSATA | 1 |

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

<http://www.fujitsu-siemens.com/aboutus>

Take back and Recycling information:

<http://www.fujitsu-siemens.com/recycling>

All rights reserved, including intellectual property rights. Technical data subject to modifications and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded.

Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

For further information see http://www.fujitsu-siemens.com/terms_of_use.html

Copyright © Fujitsu Siemens Computers

Published by

Fujitsu Siemens Computers

<http://www.fujitsu-siemens.com/>