

# DATASHEET

## Fujitsu M2010

Issue: December 2009

Elegant, small, robust – ideal for limitless communication

The compact and elegant mini notebook Fujitsu M2010 impresses with its high-quality glossy and robust design. With its integrated WLAN, Bluetooth, a 1.3 Megapixel webcam, integrated microphones and top-quality loudspeakers the device is excellent for all types of communication.

The Fujitsu M2010 comes in three colors: pearl-white, red metallic and sparkling black.



### Processor technology

- Intel® Atom™ N280 processor for purpose-built low-power ultra-mobile devices and enhanced battery life

### Operating System

- Microsoft® Windows® 7 Starter Edition

### Reliability and Responsibility

- Compact and solid design - without any compromise on mobility
- Energy Star® 5.0 certified - energy-saving and energy-efficient

### Mobility

- 25.7 cm (10.1-inch) LED WSVGA display with BrilliantView technology, perfect for outdoor usage
- Small size (258 x 189 x 32 / 37 mm) and lightweight (~ 1.2 kg)
- 6-cell battery for an extended battery life (optional)

### Multimedia and Entertainment

- Integrated 1.3 megapixels webcam and built-in digital microphone are perfect for video conferencing and Internet telephony (VoIP)
- Surf the internet and check your emails when and wherever you want thanks to the integrated Wireless LAN
- Synchronize the calendars of your Fujitsu M2010 and your mobile phone via Bluetooth® connection

### Connectivity

- 4-in-1 card reader for easy access to pictures, movies and more
- 3x USB 2.0 ports for UMTS sticks or any other kind of accessories

### Accessories (optional)

- Optical disc drive with Nero software suite for DVD playback and CD/DVD burning



## Components

|                  |                                                         |
|------------------|---------------------------------------------------------|
| <b>Processor</b> | Intel® Atom™ processor N280 (1.66 GHz), 512 KB, 667 MHz |
|------------------|---------------------------------------------------------|

### Memory options

|                               |                                                                                  |
|-------------------------------|----------------------------------------------------------------------------------|
|                               | 1 GB (1 module(s) with 1 GB, DDR2), 533 MHz                                      |
| Supported capacity RAM (min.) | 1 GB                                                                             |
| Supported capacity RAM (max.) | 2 GB                                                                             |
| Memory slots total            | 1                                                                                |
| Memory slot type              | SO DIMM (DDR2, 533 MHz)                                                          |
| Memory notes                  | Memory size depends on exact configuration. Please check at your local retailer. |

### Hard disk drives (internal)

|  |                                                               |
|--|---------------------------------------------------------------|
|  | 250 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T. |
|  | 160 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T. |

### Display

|                         |                     |
|-------------------------|---------------------|
| Diagonal Size           | 25.7 cm (10.1-inch) |
| Aspect ratio            | 16:10               |
| Display Resolution type | WSVGA               |
| Resolution (native)     | 1024 x 600 pixel    |
| Brightness - typical    | 200 NIT             |
| Contrast - typical      | 400 : 1             |

### Battery

|                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                        |                       |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Battery type                                | Li-Ion battery 6-cell                                                                                                                                                                                                                                                                                                                                                                                                                  | Li-Ion battery 3-cell |
| Battery voltage                             | 10.8 V                                                                                                                                                                                                                                                                                                                                                                                                                                 | 10.8 V                |
| Battery capacity                            | 4800 mAh                                                                                                                                                                                                                                                                                                                                                                                                                               | 2400 mAh              |
| Battery runtime (idle mode)                 | Up to 6:15 hours                                                                                                                                                                                                                                                                                                                                                                                                                       | Up to 3:05 hours      |
| Battery charging time (idle mode)           | 120 min                                                                                                                                                                                                                                                                                                                                                                                                                                | 120 min               |
| Battery charging time (maximum active mode) | 120 min                                                                                                                                                                                                                                                                                                                                                                                                                                | 120 min               |
| Battery charging time (off mode)            | 120 min                                                                                                                                                                                                                                                                                                                                                                                                                                | 120 min               |
| 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.<br>Battery runtime tested with Reader MM2007 Patch 1.05 at minimum brightness. |                       |

## Fujitsu M2010

### Operating system

|                             |                                                                                                                    |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------|
| Operating system compatible | Genuine Microsoft® Windows® 7 Starter for Small Notebook PCs 32-bit<br>Genuine Microsoft® Windows® XP Home Edition |
| Recovery application        | Recovery media and Drivers and Utility on CD or DVD are included                                                   |
| Drivers                     | Updates are downloadable at <a href="http://ts.fujitsu.com/support">http://ts.fujitsu.com/support</a>              |
| Operating system notes      | For Microsoft® Windows® XP Service Pack 3 is available.                                                            |

### Product design

|       |                                                                                   |
|-------|-----------------------------------------------------------------------------------|
| Color | Pearl white, sparkling black or metallic red, all with high-gloss material finish |
|-------|-----------------------------------------------------------------------------------|

### General system information

|                     |                             |
|---------------------|-----------------------------|
| System architecture | Intel® processor technology |
| Chipset             | Intel® 945GSE + ICH7-M      |

### Graphics

|                                  |                                                                                              |
|----------------------------------|----------------------------------------------------------------------------------------------|
| Graphics brand name              | Intel® Graphics Media Accelerator 950                                                        |
| Shared video memory              | up to 128 MB                                                                                 |
| Max. resolution external display | 1600 x 1200 pixel                                                                            |
| Graphics features                | DirectX® 9 support                                                                           |
| Graphics notes                   | 1024 MB system memory enables up to 128 MB total video memory (dedicated plus shared memory) |

### Interfaces

|                             |   |
|-----------------------------|---|
| DC-in                       | 1 |
| Audio: line-in / microphone | 1 |

## Interfaces

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Audio: headphone out    | 1                                                    |
| Internal microphones    | 1                                                    |
| USB 2.0 total           | 3                                                    |
| VGA                     | 1                                                    |
| Ethernet (RJ-45)        | 1                                                    |
| Memory card slots       | 1 (4-in-1 card reader supporting SD, MS, MSpro, MMC) |
| Kensington Lock support | 1                                                    |

## Communication

|           |                                             |
|-----------|---------------------------------------------|
| Bluetooth | Integrated v2.1 + EDR (Enhanced Data Rate)  |
| LAN type  | Ethernet (10/100 Mbit/s)                    |
| WLAN      | Built-in WLAN (Wireless Local Area Network) |

## WLAN (optional)

|                     |                                                                                                                                                                                 |                                                                                                                                                                               |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WLAN name           | WLAN (IEEE 802.11b/g)                                                                                                                                                           | WLAN (IEEE 802.11b/g/n)                                                                                                                                                       |
| WLAN max. data rate | up to 54 Mbit/s                                                                                                                                                                 | up to 300 Mbit/s                                                                                                                                                              |
| WLAN encryption     | WEP, WPA, WPA2                                                                                                                                                                  | WEP, WPA, WPA2                                                                                                                                                                |
| 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<br>Only available with Windows® XP operating system. | 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<br>Only available with Windows® 7 operating system |

## Audio

|                |                                                                                                                                                                    |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Audio type     | On board                                                                                                                                                           |
| Audio codec    | Realtek ALC269 HD                                                                                                                                                  |
| Audio features | Support of high-definition audio<br>2x built-in speakers (stereo)<br>Built-in digital microphone<br>Sound volume control via function key (down: Fn+F8; up: Fn+F9) |

## Camera

|              |                                                                                      |
|--------------|--------------------------------------------------------------------------------------|
| Camera       | 1.3 megapixel webcam                                                                 |
| Camera notes | Webcam frame rate can vary significantly depending on the used software application. |

## Input devices / Control buttons

|                         |                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------|
| Power Button            | Above keyboard, right side                                                                                  |
| Number of keyboard keys | 80                                                                                                          |
| Input device(s)         | Touchpad with left and right mouse button, touchpad disable function via function key combination (Fn + F4) |

## Hot keys

|                |                           |
|----------------|---------------------------|
| Hot key Fn+F3  | Mute on / off             |
| Hot key Fn+F4  | Touchpad on / off         |
| Hot key Fn+F5  | WLAN / Bluetooth on / off |
| Hot key Fn+F6  | Brightness down           |
| Hot key Fn+F7  | Brightness up             |
| Hot key Fn+F8  | Volume down               |
| Hot key Fn+F9  | Volume up                 |
| Hot key Fn+F10 | Display switch            |

## Status indicators

|                   |                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|
| Status indicators | The mini notebook has 6 status LEDs:<br>Power LED<br>HDD access<br>CapsLock<br>NumLock<br>Battery status<br>WLAN / Bluetooth |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|

## Power supply

|                       |                      |
|-----------------------|----------------------|
| AC adapter            | 19 V / 60 W (3.16 A) |
| Rated voltage range   | 100 - 240 V          |
| Rated frequency range | 50 - 60 Hz           |

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### Energy consumption

|                |                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| ACPI functions | Power on stand by (S1 LCD off)<br>Stand by / energy saving mode (S3 save to RAM)<br>Hibernate mode (S4 save to disk)<br>Off mode (S5 soft off) |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------|

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### Noise emission

|                     |                                           |
|---------------------|-------------------------------------------|
| Idle mode           | 30.5 dB(A)                                |
| Maximum active mode | 37.6 dB(A)                                |
| Noise emission      | Tested according to ISO 7779 and ISO 9296 |

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### Dimensions / Weight / Environmental

|                               |                                                                                                                    |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Dimension (W x D x H)         | 258 x 189 mm (with 3-cell) / 205 mm (with 6-cell) x 32 mm (front) / 37 mm (back, 3-cell) / 43 mm (back, 6-cell) mm |
| Weight                        | Approx. 1.18 kg (with 3-cell battery) / Approx. 1.33 kg (with 6-cell battery)                                      |
| Weight notes                  | Actual weight may vary depending on configuration                                                                  |
| Operating ambient temperature | Running: 5 - 35°C; Packed -15 - 60°C                                                                               |
| Operating relative humidity   | Running: 20 - 85%; Packed 8 - 85% (relative humidity, non-condensing)                                              |

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### Compliance

|                 |                                                                                                                                   |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Europe          | CE Marking<br>R&TTE (WLAN, Bluetooth®)                                                                                            |
| Global          | RoHS<br>ENERGY STAR® 5.0<br>EPEAT® Gold (dedicated regions)                                                                       |
| Russia          | GOST                                                                                                                              |
| Compliance link | <a href="https://sp.ts.fujitsu.com/sites/certificates/default.aspx">https://sp.ts.fujitsu.com/sites/certificates/default.aspx</a> |

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### Application software

|                     |                                                                                                                                                                   |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Office software     | Adobe Acrobat Reader<br>Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system) |
| Multimedia software | CyberLink YouCam<br>Windows Media Player (within Windows® XP operating system)                                                                                    |
| Internet software   | Microsoft® Internet Explorer                                                                                                                                      |
| Security software   | Norton Internet Security                                                                                                                                          |

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### Security

|                   |                                                |
|-------------------|------------------------------------------------|
| Physical security | Kensington Lock support<br>Lid switch (hidden) |
| User security     | User and supervisor password                   |

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### Warranty

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

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### Maintenance and Support Services - the perfect extension

|                          |                                                                                         |
|--------------------------|-----------------------------------------------------------------------------------------|
| Recommended Service      | 3 years, Collect & Return Service                                                       |
| Spare Parts availability | 3 years                                                                                 |
| Service Weblink          | <a href="http://ts.fujitsu.com/Supportservice">http://ts.fujitsu.com/Supportservice</a> |

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### Accessories

|                      |                                                                                                                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Possible Accessories | Optical disc drive (USB, order number: S26341-F103-L82)                                                                                                                            |
| Accessories included | AC Adapter 60 W<br>First battery (3-cell or 6-cell, depending on configuration)<br>Manuals (manual on hard disK, quick start guide, safety manual, warranty flyer, recovery guide) |
| Accessories link     | <a href="http://ts.fujitsu.com/accessories">http://ts.fujitsu.com/accessories</a>                                                                                                  |

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

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