FUJITSU

DATA SHEET

AMILO Notebook Xi 3670

The art of entertainment

Issue: November 2009

You are looking to replace your desktop computer? You want to use state-of-the-art video communication and enjoy entertainment at its best? Then the AMILO Notebook Xi 3670 is the ideal system for you, offering an amazing array of entertainment and multimedia features in a very stylish casing. The 46.7 cm (18.4-inch) display is perfect for watching DVD in their native resolution.



Processor technology

- Intel® Centrino® 2 or Centrino® processor technology with Intel® Core™2 Duo processor or
- Intel® Core™2 Quad processor - designed to handle massive compute and visualization workloads enabled by powerful multi-core technology



Innovation

- NVIDIA® GeForce® GT 130M graphics (512 MB dedicated high-speed VRAM)
- NVIDIA HybridPower™ technology allows you to unleash graphics performance when you need it, or instantly switch gears to a lower power mode from the motherboard GPU for longer battery life and quieter operation
- Get rid of wires - connect USB devices like printers, scanners or external hard disks via wireless USB (WUSB) to your AMILO Notebook Xi 3670 (option)

Reliability

- Spill-proof keyboard to protect your notebook against accidentially spilt liquids
- Silent mode function that causes a noticeable reduction in fan noise
- Engineered in Germany



Multimedia and Entertainment

- 46.7 cm (18.4-inch) high-resolution display, 16:9 aspect ratio and BrilliantView technology provide vivid colors, amazing sharpness and impressive contrast
- Integrated webcam (1.3 Mpix) with low-light technology for great video quality even in low-light conditions and built-in digital array microphone are perfect for Internet telephony (VoIP) and video chats
- Connect the AMILO Notebook Xi 3670 to an external display or TV set via HDMI
- Multimedia LightTouch™ bar and integrated Media Center remote control let you easily play, stop or pause your DVDs or music CDs

Options

- Integrated Blu-ray Disc™ drive for the ultimate entertainment experience
- Dual hard disk drive with Raid 0/1 function: Raid 0 implements data striping to provide best possible performance; Raid 1 defines disk mirroring for simultaneous writing of data on two disks. If one drive becomes defect, all data can be accessed on the second drive

Windows 7











Components

Processor	Intel® Core™2 Quad processor Q9000 (2.0 GHz, 6 MB, 1066 MHz)	
	Intel® Core™2 Duo processor T6600 (2.2 GHz, 2 MB, 800 MHz)	
	Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz)	
Processor notes	Processor depends on exact configuration. Please check at your local retailer. Processor technology depends on actually installed processor.	
Memory options		
	4 GB (2 module(s) with 2 GB, DDR3), 1066 MHz	
Supported capacity RAM (min.)	2 GB	
Supported capacity RAM (max.)	4 GB	
Memory slots total	2	
Memory slot type	SO DIMM (DDR3, 1066 MHz)	
Memory notes	Memory size depends on exact configuration. Please check at your local retailer. Disclaimer: Up to 1 GB may not be available with 32-bit operating systems due to system resource requirements if system is preinstalled with 4 GB RAM	
Hard disk drives (internal)	1000 GB (2x 500 GB), 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T.	
	640 GB (2x 320 GB), 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T.	
	500 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, S.M.A.R.T.	
	320 GB, 5400 rpm, SATA, 2.5-inch, HDD cache: 8 MB, 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. Raid function (optional, if two HDDs are installed): Raid 0: stripe set for performance Raid 1: mirroring for security	
Optical drives		
Optical drive technology	SuperMulti-format DVD burner with double layer (DL) support	Blu-ray Disc™ drive incl. SuperMulti-format DVD burner with double layer (DL) support
Interface type	SATA	SATA
Optical drive read speed	CD-ROM 24x, DVD-ROM 8x	BD 2x, CD-ROM 24x, DVD-ROM 8x
Optical drive write speed	CD-R 24x, CD-RW 16x, DVD+R 8x, DVD-R 8x, DVD+RW 8x DVD-RW 6x, DVD+R DL (8.5 GB) 6x, DVD-R DL (8.5 GB) 6x, DVD-RAM 5x	CD-R 16x, CD-RW 10x, DVD+R 8x, DVD-R 8x, DVD+RW 4x, DVD-RW 4x, DVD+R DL (8.5 GB) 4x, DVD-R DL (8.5 GB) 4x, DVD-RAM 5x
Optical drive notes	Optical disc drive depends on exact configuration. Please check at your local retailer.	
Display		
Base unit name	AMILO Xi 3670 (HD+ display)	AMILO Xi 3670 (Full HD display)
Display Technology	BrilliantView LCD	BrilliantView LCD with dual lamp (90% NTSC)
Diagonal Size	46.7 cm (18.4-inch)	46.7 cm (18.4-inch)
Aspect ratio	16:9	16:9
Display Resolution type	HD+	Full HD
Resolution (native)	1680 x 945 pixel	1920 x 1080 pixel
Response time typical	16 ms	8 ms
Brightness - typical	200 NIT	300 NIT
Contrast - typical	600 : 1	800 : 1
Battery		
Battery type	Li-Ion battery 8-cell	
Battery voltage	14.8 V	
Battery capacity	2400 mAh	
Battery runtime (idle mode)	Up to 4:40 hours (onboard graphics) / up to 3:20 hours (dedicated graphics)	
Battery runtime (DVD playback)	Up to 2:40 hours (onboard graphics) / up to 2:15 hours (dedicate graphics)	
Battery charging time (idle mode)	Up to 1:50 hours (onboard / dedicated graphics)	

Battery	
Battery charging time (normal use)	Up to 1:50 hours for DVD playback (onboard / dedicated graphics)
Battery charging time (off mode)	Up to 1:50 hours (onboard / dedicated graphics)
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 (idle mode) tested with Battery Mark 4.0.1 (“power saver mode”). Battery runtime (DVD playback) tested with Windows Meda Player (“balanced mode”). Battery charging time (idle mode) tested without test program. Battery charging time (maximum active mode) tested with 3DMark 2006. Battery charging time (normal use) tested with DVD playback.
AMILO Notebook Xi 3670	
Operating system	
Operating system compatible	Genuine Microsoft® Windows® 7 Home Premium 64-bit Genuine Microsoft® Windows Vista® Home Premium 64-bit
Recovery application	Backup and restore the original status of the hard disk and create system restore disks or individual recovery media on CD or DVD are included
Drivers	Updates downloadable at http://ts.fujitsu.com/support
Product design	
Color	Eclipse red (black with red molding)
General system information	
System architecture	Intel® Centrino® 2 or Centrino® processor technology (optional)
Chipset	Intel® GM45, ICH 9-ME
Graphics	
Graphics brand name	NVIDIA® GeForce® GT 130M
Dedicated video memory	512 MB (GDDR3 VRAM, 1066 MHz)
Onboard graphics processor	Mobile Intel® Graphics Media Accelerator 4500MHD
Shared video memory	up to 1295 MB
3D Benchmark points	Up to 5800 (3DMark 2006, depending on configuration)
Max. resolution external display	1920 x 1200 pixel
Graphics features	NVIDIA® HybridPower™ technology (hybrid graphic technology) NVIDIA® PureVideo® HD technology - Ultra-smooth video playback - Superb picture clarity and - Precise, vivid colors on any display NVIDIA® PhysX™ delivers the most advanced gaming physics, to define a totally new level of dynamic motion and interaction NVIDIA® Cuda™ technology lets your graphics card take over complex computations so that you obtain extreme performance boost for high-res 3D applications within a fraction of the time required on a CPU DirectX® 10 support
Graphics notes	- 2048 MB system memory enables up to 783 MB shared memory - 4096 MB system memory enables up to 1295 MB shared memory
Interfaces	
DC-in	1
Audio: line-in	1
Audio: line-out / SPDIF	1
Audio: line-out / headphone	1
Audio: microphone in	1
Internal microphones	2
CIR (Consumer Infrared)	1
USB 2.0 total	3
eSATA & USB combo	1
VGA	1
HDMI	1 (version 1.3b, incl. HDCP and S/PDIF out)
FireWire (IEEE1394)	1
Ethernet (RJ-45)	1

Interfaces		
Memory card slots	1 x 15-in-1 card reader (supported formats: SD, miniSD, MicroSD, SDHC, MS, MS-Duo, MMC, RS-MMC, MMC-Micro, MSPRO, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2, xD picture card)	
Express card slots	1 (34/54 mm)	
Kensington Lock support	1	
Interface Module notes	Memory card slots: An adapter is needed for the following card formats: RS-MMC, MMC-Micro, miniSD, MicroSD, SDHC, MS-Duo, MS-PRO Duo, MS-Pro HG, MS-Pro HG Duo, M2	
Onboard or integrated Controller		
Bluetooth	2.1 (integrated)	
LAN type	Gigabit Ethernet (10/100/1000 Mbit/s)	
Wireless USB (optional)	Integrated (Rev. 1.0) Up to 110 Mbit/s within 10 m distance Up to 480 Mbit/s within 3 m distance Frequency band: 3.1 GHz - 10.6 GHz	
Wireless USB notes	For use in EU (AT, BE, BG, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, RO, SE, SI, SK) and EFTA (IS, LI, NO, CH)	
WLAN	Built-in WLAN (Wireless Local Area Network)	
WLAN name	WLAN (IEEE 802.11a/b/g/n)	Intel® Wireless WiFi Link 5100 AGN (IEEE 802.11a/g/n)
WLAN max. data rate	up to 300 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	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
Audio		
Audio type	On board	
Audio codec	Realtek ALC888	
Audio features	Support of high-definition audio for S/PDIF output with up to 7.1 channels 7.1 audio support also via 4x audio jacks (analog) 2x built-in speakers (2 W each) Built-in digital array microphone 1x built-in subwoofer (3 W) Sound volume control via function key or via LightTouch™ bar	
Camera		
Camera	Logitech® QuickCam®, 1.3 megapixel	
Frame rate	30 per second (for 640 x 480)	
Camera features	Auto focus Automatic brightness adjustment with status LED (blue: on, red: streaming / application on) Low-light technology for great video-quality even in dark surrounding	
Camera notes	AMILOcam frame rate can vary significantly depending on the used software application.	
Input devices / Control buttons		
Power Button	Located left of the keyboard, back lighted	
Keyboard	Spillproof keyboard	
Number of keyboard keys	85	
Keyboard notes	The keyboard is spill-proof up to 50ml. This is enough to protect your notebook from an accidental spill. However, we recommend a backup as well as a system shut-down should liquids come into contact with the keyboard. The spill-proof protection does not prevent data loss caused by water damage. If this should happen, please contact your local customer service desk.	
Number block	21 keys, 4 individually configurable quick-start application buttons (A1, A2, A3, A4)	
Input device(s)	Hidden touchpad, with left and right mouse button, touchpad disable function via function key combination (Fn+F6)	

Input devices / Control buttons	
Multimedia keys	Multimedia LightTouch™ bar located on top of the keyboard to launch the following applications: Silent mode (reduce noise level / fan speed, by reducing the CPU performance, office applications, Internet and DVD playback are not affected) Hybrid graphics to switch between onboard graphics for extended battery life and dedicated graphics for better performance DVD / multimedia playback Skip rewind Play / pause Skip forward Volume control
Remote Control	26-key Media Center remote control, shipped in ExpressCard slot
Hot keys	
Hot key Fn+F1	WLAN / Bluetooth / Wireless USB on / off
Hot key Fn+F3	Mute on / off
Hot key Fn+F4	Volume down
Hot key Fn+F5	Volume up
Hot key Fn+F6	Touchpad on / off
Hot key Fn+F7	AMILOcam on / off
Hot key Fn+F8	Brightness down
Hot key Fn+F9	Brightness up
Hot key Fn+F10	Display switch
Hot key Fn+F11	Silent mode
Hot key Fn+F12	Suspend
Status indicators	
Status indicators	The notebook has 3 status LEDs Power status (& suspend) Blue (always on): on Blue blinking: stand by None: off Battery charge Blue (always on): full Blue blinking: charging Red blinking: < 10 % capacity WLAN / Bluetooth / Wireless USB Blue: on None: off
Power supply	
AC adapter	20 V / 90 W (4.5 A) or 120 W (6 A)
Rated voltage range	110 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz
Battery features	ACPI 3.0 supported; Dynamic charge supported (rapid charge)
Energy consumption	
S0 (idle mode)	15.5 W
S0 (max. active mode)	115.4 W (with 120 W AC Adapter)
S3 (stand by / energy saving mode)	1.81 W
S4 (hibernate)	0.74 W
S5 (off mode)	0.74 W
ACPI functions	ACPI 3.0 compliant for Vista requirement Power on stand by (S1 LCD off) Stand by / energy saving mode (S3 save to RAM) Hibernate mode (S4 save to disk) Off mode (S5 soft off)
Energy consumption notes	Maximum active mode tested with 3D Mark 2006.
Noise emission	
Idle mode	27.4 dB(A) (silent mode off)

Noise emission	
Maximum active mode	34.3 dB(A) (silent mode off)
Noise notes / description	Noise emission (idle mode) tested according to ISO 7779 and ISO 9296. Noise emission (maximum active mode) tested with QAFE 8.01 / 2. sieve.exe (CPU stress test) / Diskload.exe according to ISO 7779 and ISO 9296.
Dimensions / Weight / Environmental	
Dimension (W x D x H)	440.2 x 302.5 x 38.5 (front) / 50.5 (back) mm
Weight	Approx. 3.9 kg
Weight notes	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C
Operating relative humidity	10 - 90 % (relative humidity, non-condensing)
Compliance	
Europe	CE Marking R&TTE (WLAN, Bluetooth®)
Global	RoHS (Restriction of hazardous substances) ISO13406-2 (Pixel fault class II)
Russia	GOST (WLAN)
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx
Application software	
Home office software	Microsoft® Office Ready (60-day trial version for Microsoft® Office Professional software package, only with Windows® 7 operating system) Adobe Acrobat Reader Windows Mail (only within Windows Vista® operating system) Windows Calendar (only within Windows Vista® operating system) Microsoft® Works (only with Windows Vista® operating system) Microsoft® Office Home and Student Trial (60-day trial version, only with Windows Vista® operating system)
Multimedia software	Nero Essentials S (burning software) Vista DVD Playback Pack (DVD playback software, only within Windows Vista® operating system) Windows Media Player (playback of music CDs and Video DVDs) Windows Media Center edition (optional) - Share and stream media easily in your home network - Organize media (videos, music, pictures) - Watch and record TV shows (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.) Logitech® QuickCam® application software (for Windows Vista® operating systems only) CyberLink YouCam (for Windows® 7 operating systems only)
Internet software	Microsoft® Internet Explorer Country specific Internet provider
Security software	Symantec Norton Internet Security (90-day trial version, for Windows® 7 operating systems only) Norman security software solution (for Windows Vista® operating systems only)
Additional software (optional)	CyberLink PowerDVD BD (playback software for Blu-ray Disc™, only with Blu-ray Disc™ drive)
Security	
Physical security	Kensington Lock support Lid switch (hidden)
User security	User and supervisor password
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
Spare Parts availability	3 years
Service Weblink	http://ts.fujitsu.com/Supportservice

Accessories

Accessories included	Manuals (manual on hard disk, quick start guide, safety guide, warranty guide, recovery guide) AC adapter 90 W or 120 W First Battery 8 cells Integrated remote control Cleaning wipe
Accessories link	http://ts.fujitsu.com/accessories

reddot design award
honourable mention 2009



Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
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Take back and Recycling information:
http://ts.fujitsu.com/recycling

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