

DATASHEET

LIFEBOOK® E780 NOTEBOOK

THE FUJITSU LIFEBOOK® E780 NOTEBOOK PROVIDES A HIGHLY FLEXIBLE PLATFORM THAT CAN BE CONFIGURED TO MEET A DIVERSE ARRAY OF BUSINESS DEMANDS.

PERFORMANCE

Powered by an Intel® Core™ vPro™ processor, the LIFEBOOK E780 notebook helps businesses cut costs and increase efficiency by taking advantage of intelligent performance, unique hardware-assisted security, and manageability features.

With Intel® HD Graphics, you're choosing a smarter, integrated solution for your visual needs. The LIFEBOOK E780 notebook also features a powerful mobile GPU (1GB dedicated memory)—NVIDIA GeForce GT 330M. This optional graphics card is the ideal solution for today's business professionals.

Easy Deployment & Management

Simplify deployment, management, and ultimately reduce TCO with the following features:

A modular bay that supports a variety of devices, including a Blu-ray Writer, a modular bay battery, and a convenient weight saver.

High-capacity and modular bay batteries are available for extended computing time

The notebook is equipped with eSATA, display port, and IEEE 1394 port

A variety of communications options are available to seamlessly integrate into your corporate environment.

Security

Fujitsu offers an optional built-in biometric fingerprint swipe sensor that eliminates the need for managing multiple passwords when accessing the network and managing email accounts, as well as other protected systems.

The embedded TCG 1.2-compliant Trusted Platform Module (TPM) protects digital identification and data, and can be used to authenticate your network access. It also allows users to securely store private keys and certificates for file and folder encryption, Web, email, digital signatures, and passwords.

The dedicated Smart Card slot supports a wide range of third-party applications, such as secure online transactions, personalized authentication services, access to personal data, and "e-cash" storage options.

With more than 800,000 possible passwords, the integrated Security Panel system adds another measure of security to help protect your data. The LIFEBOOK E780 notebook also features two-level hard drive and BIOS password protection, allowing system administrators to have a password that's secret from users, and can be used to unlock their notebook if the user password is lost.

Flexible Connectivity

With built in 56K modem and Gigabit Ethernet LAN, you can easily connect to your office network or Web from practically anywhere. For wireless connectivity, the Atheros XSPAN® or optional: Intel® Centrino® Advanced-N 6200 AGN offers seamless and flexible connectivity. If you use a Bluetooth-enabled cellular phone or PDA, your LIFEBOOK E780 notebook can be equipped with integrated Bluetooth (version 2.1) wireless technology for data synchronization and swapping images or data.

Stable and Reliable

The LIFEBOOK E780 notebook was designed to withstand the abuses of daily use—a feature that has contributed to LIFEBOOK notebooks being named some of the most reliable in the industry.



- POWERED BY THE INTEL® CORE™ VPRO™ PROCESSOR WITH TURBO BOOST TECHNOLOGY
- GENUINE WINDOWS® 7 PROFESSIONAL OPERATING SYSTEM
- 15.6" HIGH-DEFINITION DISPLAY W/OPTIONAL WEBCAM
- OPTIONAL NVIDIA® GEFORCE GT 330M (1 GB DEDICATED MEMORY) FOR GREAT GRAPHICS PERFORMANCE
- MODULAR BAY VERSATILITY: EASY-TO-SWAP OUT AN OPTICAL DRIVE FOR A MODULAR BAY BATTERY
- FLEXIBLE SECURITY WITH TPM. INTEGRATED SMART CARD READER, FINGERPRINT SENSOR, HDD AND BIOS PASSWORD PROTECTION, SECURITY PANEL AND COMPUTRACE SUPPORT



TECHNICAL DETAILS

SOFTWARE

OPERATING SYSTEM OPTIONS: Genuine Windows® 7 Professional 32-bit (MUI), or Genuine Windows® 7 Professional, 64-bit (MUI)

Software: Microsoft® Office Starter 2010¹, Adobe Acrobat Reader®, Microsoft® Internet Explorer, Roxio Easy Media Creator, CyberLink PowerDVD™, Norton Internet Security 2009², Fujitsu PortShutter (32-bit OS only), Fujitsu HotKey Utility, LIFEBOOK Security/Application Panel, Fujitsu Driver Update Utility, Trusted Platform Module (TPM) driver and applications CD, Windows Live Essentials and Silverlight

OPTIONAL SOFTWARE: CyberLink PowerProducer, YouCam, Bluetooth driver and applications Disc, OmniPass Fingerprint Application

KEY SPECIFICATIONS

PROCESSOR: Intel® Core™ i5-460M Processor (2.53 GHz, 3 MB L3 cache) up to 2.8 GHz with Turbo Boost, Intel® Core™ i5-520M Processor (2.40 GHz, 3 MB L3 cache) up to 2.93 GHz with Turbo Boost, Intel® Core™ i5-540M Processor (2.53 GHz, 3 MB L3 cache) up to 3.06 GHz with Turbo Boost, Intel® Core™ i5-560M Processor (2.66 GHz, 3 MB L3 cache) up to 3.2 GHz with Turbo Boost, Intel® Core™ i7-620M Processor (2.66 GHz, 4 MB L3 cache) up to 3.33 GHz with Turbo Boost, Intel® Core™ i7-640M Processor (2.80 GHz, 4 MB L3 cache) up to 3.46 GHz with Turbo Boost

CHIPSET: Mobile Intel® Express (QM57)

MEMORY: Two DIMM slots; max 8 GB (4 GB x 2); DDR3 1066 MHz

DISPLAY

LCD	15.6" Crystal View HD, or HD+ Anti-Glare LED backlight display optional
Video Controller	NVIDIA® GeForce GT 330M with a total dedicated graphics memory of 1 GB (optional) Integrated Intel® HD Graphics
Resolution	Internal Display: 1366 x 768, Crystal View HD, or 1600 x 900, Anti-Glare LED backlight display optional. External Only: 1920 x 1200, 16M colors (External VGA) 2560 x 1600, 16M colors (Display Port) Simultaneous: 1600 x 900, 16M colors

WEBCAM: Optional built-in 1.3 mega-pixel digital camera

HARD DRIVE: 160 GB, 320 GB, or 500 GB (5400 RPM), 160 GB or 320 GB (7200 RPM), S-ATA 300, shock-mounted. 160 GB (5400 RPM) or 128 GB SSD, both with Full Data Encryption.

OPTICAL DRIVE

Double Layer Super Multi-Drive	Blu-ray Writable Drive
x24 CD-ROM, x24 CD-R, x10 CD-RW, x8 DVD-ROM	x4 BD-ROM, x4 BD-R, x2 BD-R DL,
x5 DVD-RAM, x8 DVD+/-R, x4 DVD+/-R(DL),	x2 BD-RE, x2 BD-RE (DL)
x6 DVD-RW, x8 DVD+RW	

AUDIO: Realtek™ codec ALC269 with 2-channel High Definition (HD) audio; Headphone: Stereo headphone/line-out/SPDIF jack
Microphone: Stereo microphone/line-in jack, built-in stereo digital array microphone, built-in stereo speakers

COMMUNICATION: Multinational⁴ 56K⁵ V.92 modem, Gigabit (10/100/1000) Ethernet

WIRELESS COMMUNICATION: Atheros XSPAN® (AR5B97, 802.11 BGN), or Intel® Centrino® Advanced-N 6200 AGN, Optional: Bluetooth® wireless v2.1 +EDR.

USER INTERFACES: Integrated Dual Pointing touchpad and quick point 84-key full-size, spill-resistant keyboard

Ports One 15-pin VGA external monitor, one stereo headphone/line-out jack, Four USB 2.0 connectors, one stereo, microphone/line-in jack, One DC In connector, One serial port, One eSATA connector, (One IEEE 1394 jack), One modular modem (RJ-11) connector, One LAN (RJ-45) connector, One Docking port

CARD SLOTS: PC Card slot for one Type I or Type II card: PCMCIA Standard 2.1 with CardBus support, ExpressCard® slot, Memory Stick/SD Card slot, Dedicated Smart Card slot

SECURITY: Embedded biometric fingerprint sensor (optional), dedicated Smart Card support (3rd party application required), Intel® vPro technology (select configurations), Fujitsu Security/ Application Panel: combination lock security panel; four programmable one-touch application launch buttons, embedded TCG 1.2-compliant Trusted Platform Module (TPM), Computrace® BIOS Persistence Module5, Security lock slot, Fujitsu PortShutter (not available with Windows 7 Professional 64) hard drive and BIOS password protection, Intel® AT (anti-theft) technology support

BATTERY

A. Standard 6-cell Lithium ion battery: 10.8V, 5200 mAh

B. Optional high-capacity 8-cell Lithium ion battery: 14.4V, 5800 mAh

C. Optional Flexible Bay 6-cell Lithium ion battery: 10.8V, 3800 mAh

Battery life with Intel® HD Graphics Model (HD+)	Battery life with NVIDIA® GeForce® (HD+)
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A: up to 4 hrs., 20 mins. **A:** up to 3 hrs., 20 mins.

A+C: up to 8 hrs., 30 mins. **A+C:** up to 6 hrs., 10 mins.

B: up to 7 hrs., 07 mins. **B:** up to 5 hrs., 15 mins.

B+C: up to 11 hrs., 05 mins. **B+C:** up to 8 hrs. 05 mins.

AC ADAPTER: Auto sensing 100-240V AC, supplying 19V DC, 4.22A, 80W, or Auto sensing 100-240V AC, supplying 19V DC, 5.27A, 100W (100W required for NVIDIA® GeForce GT 330M graphics)

DIMENSIONS: 14.65"(w) x 10.1"(d) x 1.38"/1.46"(h)

WEIGHT: (with 6 cell battery; Optical Drive) INVIDA® GeForce model: Approximately 6.40 lbs., Intel® HD Graphics, Approximately 6.17 lbs.

OPERATING TEMPERATURE: 41°F to 95°F / 5°C to 35°C (ambient temperature); 20% to 85% relative humidity, non-condensing

NON-OPERATING TEMPERATURE: 5°F to 140°F / -15°C to 60°C, 8% to 85% relative humidity; non-condensing

KEY ACCESSORIES: Port Replicator, Additional Memory, Modular Bay Battery, Auto/Air adapter. For a full list visit www.shopfujitsu.com or call 1-800-FUJITSU

COMPLIANCE AND SERVICE INFORMATION

Compliance FCC Part 15B Class B and FCC Part 15C; FCC Part 15E; IC ICES-003 Class B and RSS-210, UL-cUL Listed, FCC Part 68; IC CS-03, CE Marking (Not supported when configured with the WLAN module) ExpressCard® Compliance ID EC100140; ENERGY STAR® qualified

WARRANTY: One- or three-year International Limited Warranty on select corporate configurations; 24/7 technical support; Fujitsu extended service plans available.

FUJITSU AMERICA, INC.

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1) Microsoft® Office Starter 2010 (32 bit) includes reduced-functionality versions of Word® and Excel® only, with advertising. No PowerPoint® or Outlook®. Purchase Microsoft Office 2010 to activate a full-featured suite.

2) Preinstalled with a free 60-day trial version of Symantec Norton Internet Security 2008. The 60-day trial version is activated upon user's acceptance of software license agreement. After 60 days, the user must purchase a subscription from Symantec to download latest virus definitions.

3) One gigabyte (GB) = one billion bytes; accessible capacity will be less and actual capacity depends on the operating environment and formatting.

4) The internal modems on all Fujitsu notebooks from Fujitsu America, Inc. are only qualified for use with telephone systems in selected countries, including the United States and Canada. For a list of certified countries, please check <http://solutions.us.fujitsu.com/modems>

5) Actual speeds over U.S. telephone lines vary, and are less than 56 Kbps due to the current FCC regulations and line conditions.

6) Battery life tested using MobileMark 2007 and may include audio muted. Battery life will vary depending on the product configuration, product model, application loaded on the product, power management settings on the product, Operating System, and the product features used by the customer. As with all batteries, the maximum capacity of the installed batteries will decrease with time, usage, and how often the batteries are charged by the user.

7) Service and warranty turnaround time may vary by country and product. International warranty valid only for products purchased in North, Central, and South America.

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