

THE LENOVO® THINKPAD® X230 NOTEBOOK

FREEDOM.MOBILITY.PRODUCTIVITY IN AN
ULTRAPORTABLE PACKAGE



POWERFUL COMPUTING WITH 3RD
GENERATION INTEL® CORE™ UP TO i7
PROCESSORS

BETTER PERFORMANCE WITH GENUINE WINDOWS® 7
PROFESSIONAL

SOPHISTICATED PROFESSIONAL ENGINEERING
IN A THIN AND LIGHTWEIGHT DESIGN

FASTER BOOT UP AND RESUME WITH mSATA, SSD,
LENOVO RAPIDBOOT AND RAPIDRESUME

ENHANCED MEDIA AND COMMUNICATION WITH
HD DISPLAY, HD CAMERA, AND HD MICROPHONE

ALL-DAY COMPUTING AND PERFORMANCE WITH
24 HOURS BATTERY LIFE

IMMERSIVE AUDIO AND COMMUNICATIONS
EXPERIENCE WITH DOLBY® ADVANCED AUDIO™ 2.0

The Lenovo® ThinkPad® X230 offers the power and expansive feature set of a full-size laptop in a thin and lightweight ultraportable. ThinkPad® X230. Whether you are travelling around the world or commuting between offices, this powerful laptop is easy to carry – at just 2.96lbs! Engineered for mobile professionals, the ThinkPad X230 is built on the 3rd generation Intel® Core™ processor with workhorse performance from Intel® Turbo Boost technology 2.0.

The notebook offers world-class features which combines the speed of solid state drives with the storage capacity of hard disk drives to increase boot time and application performance. Boot and resume the notebook much faster with Lenovo RapidBoot and RapidResume. The SuperSpeed USB 3.0 allows you to transfer data ten times faster. The all-day battery life keeps the laptop operational for 24 hours. Complete your work faster and have fun.

Taking mobile performance one step further is superior communications: HD display, 720p HD camera, HD microphone, and Dolby® Advanced Audio™ 2.0. These exemplary features, combined with Lenovo's globally recognized durability and reliability, make the ThinkPad® X230 a must-have ultraportable.



LENOVO ENHANCED EXPERIENCE 3 FOR WINDOWS® 7. FASTER AND OPTIMIZED FOR BUSINESS.

Fast and optimized for multimedia: Lenovo Enhanced Experience 3 for Windows® 7 uses RapidBoot technology to start your PC 40% faster than a typical Windows® 7 computer*. And BootShield maintains fast boot performance even after installing multiple applications. Plus, you can enjoy richer sound and HD webcams. Find out more at www.lenovo.com/win7ee

*Available on certified models with Intel® Core™ i3, i5 or i7 processors. Claim is calculated by taking the average of Lenovo EE3 notebooks and desktops, and compares it with averaged data from 49 competitor products of similar configuration (Intel® Core™ i3, i5 and i7 PCs only). Testing conducted by CNET Labs, Beijing in December 2011, using the independent VTS tool to measure start-up time and other performance measurements. Performance will vary by model and configuration.



EXCEPTIONAL MOBILE PERFORMANCE

- Full-powered computing with the 3rd generation Intel® Core™ processors
- Better Performance with Genuine Windows® 7 Professional
- Up to 100% increase in 3D and visual performance with Intel® HD graphics
- Fastest boot and resume times with Lenovo RapidBoot, and RapidResume technology
- All-day battery life – up to 24 hours with external battery pack
- Trusted ThinkPad quality - passing 8 Mil-Spec tests

BEST-IN-CLASS CONNECTIVITY

- Faster wireless connectivity from wake with Lenovo RapidConnect get to work faster
- High data transfer on USB 3.0 with a transmission speed of up to 10 times faster than USB 2.0
- Wide-range media and data connectivity with VGA, MiniDisplayPort with audio, 4-in-1 SD Card Reader, and 34mm ExpressCard

LENOVO ENHANCED EXPERIENCE 3 FOR WINDOWS® 7

Optimizes data security with robust features like:

- Self-encrypting drives that protect data on the hard disk drives in case of loss or theft
- Hardware Password Manager for central security management of self-encrypting drives
- Built-in Fingerprint Reader¹ to switch on the laptop and log on in one swipe
- BIOS Port Lock to disable all input and output ports remotely without any additional hardware
- USB Blocker² to identify and block different types of USB devices connected to the system

Provides superior web conferencing with:

- Keystroke noise suppression, high-quality webcam, and superior dual digital array microphones

BUSINESS-CLASS COMMUNICATION

- Polycam ready for excellent video conferencing, voice conferencing, data and online communication
- Noise cancelling dual-array microphones make conversations clearer, eliminating echo and background noise
- Keyboard noise suppression technology reduces the sound of key presses when on Internet calls
- 720p HD camera with face tracking provides a clear picture even when on the move
- Experience full, enveloping sound anywhere you go with Dolby® Advanced Audio™ 2.0 on your ThinkPad. Greater clarity and fidelity from your laptop



LENOVO SERVICE

Lenovo offers a comprehensive portfolio of award-winning services to support and protect your ThinkPad investment. Succeed with substance, and let Lenovo's Service support you all the way.

Priority Technical Support³

Makes your priority, our priority. 24x7 priority call routing to advanced-level technicians, electronic incident tracking, and escalation management services.

Warranty Upgrades - Onsite and Next Business Day

Maximizes PC uptime and productivity by providing convenient, fast repair service at your place of business

Warranty Extensions (1 to 5 Years Total Duration)

This fixed-term, fixed-cost service helps accurately budget for PC expenses, protect your valuable investment, and potentially lower the cost of ownership over time.

Keep Your Drive

Retain your drive if it should happen to fail, giving you the peace of mind to know that your valuable data is secure

Asset Tagging

Systems come equipped with a professional, flexible asset tag based on your exact specifications. PCs are easily identifiable and trackable right out of the box.

¹ Fingerprint reader is as an optional feature available on most configurations.

² Only available on select ThinkPad Classic machines ³ Not available in all regions

RECOMMENDED SERVICES

Accidental Damage Protection

Avoid the hassles of unexpected repair costs. Provides coverage for non-warranted damage incurred under normal operating conditions, such as minor spills, drops, or damage to the integrated screen.

Lenovo
Services

**3-YEAR ONSITE NEXT BUSINESS DAY
WITH 3-YEAR ACCIDENTAL DAMAGE
PROTECTION**



SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Professional 64 bit
- Genuine Windows® 7 Professional 32 bit
- Genuine Windows® 7 Ultimate 64 bit
- Genuine Windows® 7 Home Premium 64 bit

SUPPORTED TVT TOOLS

- Lenovo Small Business Advantage
- Password Manager 4.0
- Access Connections
- Power Manager

PRE-LOADED APPLICATIONS

- Norton™ Internet Security 2012
- Microsoft® Office 2012 Trial
- Adobe® Acrobat® Reader®
- Skype™
- Microsoft® Windows Live Essentials 2011
- Intel® Learning Series Software Suite

OPTIONS AND ACCESSORIES



ThinkPad Ultrabase™ Series 3 (0A33932)

- Cable management, multiple USB and monitor ports
- Ultrabay for HDD Bay Adapter III (43N3412), DVD-ROM Optical (0A65628) or DVD Burner Optical (0A65626)

www.lenovo.com/support/docks



Lenovo Slim USB Portable DVD Burner (0A33988)

- Slim, lightweight DVD writer

www.lenovo.com/support/notebook/opticals



ThinkVision LT1421 Wide Mobile Monitor (1452-DS6)

- Travel companion to view more data while at the office, airport, hotel, or attending a meeting in a conference room
- USB attach
- Thin, lightweight design: 1.8 lbs (835 g)

www.lenovo.com/support/monitors



ThinkPad Ultraportable Case (41U5062)

- Easily transport and protect your ThinkPad

www.lenovo.com/support/cases



Lenovo 90W Ultraslim AC/DC Combo Adapter (41R4xxx)

- Power your notebook and your cell phone, PDA where you go; in the office, at home, on the road, or in the air
- Small, lightweight design: 0.88 lbs (400g)

www.lenovo.com/support/poweradapters



ThinkPad Battery 19+ 6-cell Slim (0A36280)

- Uses along with the system battery to extend the computing experience

www.lenovo.com/support/batteries



Lenovo Ultraslim Plus Wireless Keyboard and Mouse (0A340xx)

- Eliminate cables
- Contemporary, low profile design

www.lenovo.com/support/keyboards



ThinkPad In-Ear Headphones with microphone (57Y4488)

- High-quality voice and audio performance for internet voice conversations, multimedia applications

www.lenovo.com/support/audio



ThinkPad Mini Dock with USB 3.0 – 90W (0A6568x)

ThinkPad Mini Dock Plus with USB 3.0 – 90W (0A656xx)

- Cable management, multiple USB and monitor ports

www.lenovo.com/support/docks



Lenovo Mini-DisplayPort to DVI Monitor Cable (0B47090)

Lenovo Mini-DisplayPort to VGA Monitor Cable (0A36536)

- Attach a DVI digital, or VGA analog monitor to the system's mini-DisplayPort monitor port

www.lenovo.com/support/monitoraccessories



SPECIFICATIONS

OPERATING SYSTEM

Genuine Windows® 7 Professional 64 bit
 Genuine Windows® 7 Professional 32 bit
 Genuine Windows® 7 Ultimate 64 bit
 Genuine Windows® 7 Home Premium 64 bit

PROCESSOR

Intel® Core™ i7-3520M (2.90 GHz, 4MB L3, 1600MHz FSB)
 Intel® Core™ i5-3360M (2.80 GHz, 3MB L3, 1600MHz FSB)
 Intel® Core™ i5-3320M (2.60 GHz, 3MB L3, 1600MHz FSB)
 Intel® Core™ i3-3210M (2.50 GHz, 3MB L3, 1600MHz FSB)⁵
 Intel® Core™ i3 3110M (2.40 GHz, 3MB L3)
 Intel® Core™ i3-2370M (2.40 GHz, 3MB L3, 1333MHz FSB)⁵

DISPLAY

12.5" HD 300 NIT Wide-Viewing (IPS) Panel
 12.5" HD 200 NIT Panel

WEBCAM

Low-Light 720p HD Camera with Face Tracking

MEMORY

Up to 16GB 1600 MHz DDR3

BATTERY LIFE

Up to 24 hours with optional Lenovo 90W Ultralim AC/DC Combo Adapter

DIMENSIONS (W X D X H)

305mm x 206.5mm x 19 - 26.6mm
 (12.01" x 8.13" x 0.75" - 1.05")

WEIGHT

1.34kg (2.96lbs)

I/O (INPUT/OUTPUT) PORTS

(1) MiniDisplayPort with audio
 (1) VGA
 (2) USB 3.0
 (1) USB 2.0
 (1) Always on USB 2.0
 (1) 4-in-1 SD Card Reader (SD/SDHC/SDXC/MMC slot)
 (1) Express Card 54mm
 (1) Smart Card Reader⁶

STORAGE

HDD
 320GB (7200rpm) OPAL FDE
 320GB/500GB (5400rpm)
 320GB/500GB (7200rpm)
 SSD
 16GB SSD mSATA⁷
 128GB SSD SATA3
 Intel® 180GB SSD SATA3
 Intel® 240GB SSD SATA3
 256GB TCG OPAL SSD SATA3

WIRELESS WWAN

Gobi 4k LTE VzW/HSPA
 Gobi 3K 14.4Mbps/HSPA
 Ericsson HSPA+ WWAN Minicard (H5321gw)

OPTICAL DRIVE

UltraBase with Multi-Burner (Optional)

COMMUNICATION

Ethernet RJ45

AUDIO

Dolby® Advanced Audio™ 2.0

KEYBOARD

Island-style six-row keyboard with optional backlight

GRAPHICS

Intel® HD Graphics

WIFI

ThinkPad BGN Wireless 1x1 BGN
 Intel Centrino Wireless N2200 2x2 BGN
 Intel Centrino Advanced N6205 2x2 AGN
 Intel Centrino Ultimate N6300 3x3 AGN

BATTERY

4 cell (28.8 Wh) – up to 8.9 hrs
 6 cell (62.4 Wh) – up to 9.9 hrs
 9 cell (93.6 Wh) – up to 14.8 hrs
 6 cell (64 Wh) Slice Battery – up to 24.9 hrs with 9 cell and 6 cell slice

WIRELESS WWAN

Ericsson HSPA+ WWAN Minicard (H5321gw)

⁴ Qualify Only
⁵ Transaction CPU Offering
⁶ Select Models
⁷ 16GB mSATA SSD is in addition to other Hard Drives and fits in the WWAN Slot. As a result it is not available with WWAN.

