Lenovo® recommends Windows® 7 Professional.

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THE LENOVO® B490/B590 LAPTOP

AMAZING BUSINESS PERFORMANCE AT A GREAT VALUE



WINDOWS® 7 PROFESSIONAL FOR BETTER PERFORMANCE

ENHANCED PERFORMANCE – UP TO 3RD GENERATION INTEL® CORE™ PROCESSOR

SUPERIOR GRAPHICS – INTEGRATED INTEL® HD OR NVIDIA® OPTIMUS™ DISCRETE[1] GRAPHICS

WORK FASTER – OPTIONAL LENOVO HARD DISK DRIVE PERFORMANCE BOOSTER[1] PROVIDES GREAT STORAGE CAPACITY WITH SSD-LIKE PERFORMANCE

RELIABLE AND EASY-TO-USE – SECURED DATA WITH OPTIONAL FINGERPRINT READER AND COMFORTABLE TYPING EXPERIENCE WITH ACCUTYPE KEYBOARD

TRANSFER QUICKLY – USB 3.0 PORTS OFFERING UP TO 10-TIMES FASTER DATA TRANSFER RATE TO EXTERNAL DEVICES THAN USB 2.0 PORTS

STYLISH – PROFESSIONAL LOOK AND AN ELEGANT FEEL WITH ICONIC KINK DESIGN ALONG WITH AN EASY-TO-OPEN LID

UNMATCHED PRODUCTIVITY – LENOVO SOLUTIONS FOR SMALL BUSINESS[1] AND LENOVO ENHANCED EXPERIENCE 3[1] FOR WINDOWS® 7

Introducing the Lenovo B490/B590, a laptop equipped with amazing business features. With some of the best and latest technologies, the laptop improves your efficiency.

The best-in-class processors, enhanced performance, extended battery life and faster boot-up time bring to you the advantage of improving productivity and lowering costs. Simple and stylish design, faster integrated graphics card and ergonomic keyboard design provide you more comfort to work and play. Advanced IT management and security solutions offer reliability.

The elegantly designed notebook gives an amazing quality video conferencing with the 720p HD camera[1]. With incredible performance, advanced security and classy design, the Lenovo B490/B590 is the best-suited laptop for home and office use.

Windows 7

lenovo ENHANCED EXPERIENCE 3

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.

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HIGH-END PERFORMANCE

The Lenovo® B490/B590 allows you to improve business efficiency focusing on performance with:

- Up to 3rd generation Intel® Core™ processors with superior processing power
- NVIDIA® Optimus™ technology[1] enhances graphics performance preserving battery life
- Optional Lenovo Hard Disk Drive Performance Booster[1] provides faster SSD-like performance for faster Windows® boot up
- Transfer data up to 10 times faster than USB 2.0 with USB 3.0 ports

ENHANCED SYSTEM SECURITY AND RELIABILITY

The Lenovo B490/B590 offers reliable security features with:

- Optional fingerprint reader to secure data against unauthorized access to the laptop with personalized logon
- Lenovo Solutions for Small Business[1] provides unique security and productivity features
- Lenovo Cloud Storage by SugarSync[2] offers automatic data backup and data sync with multiple devices

FAST AND EASY TO USE

The Lenovo B490/B590 has a unique and easy-to-use design with:

- Professional and elegant Kink design
- A distinctive style with an easy-to-open lid
- Clean, user-friendly AccuType keyboard for a more comfortable and faster typing experience



SERVICE OFFERINGS

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

- **Warranty Upgrades – Onsite Service**
  - » Maximizes PC uptime and productivity by providing convenient, fast repair services at your home or office.
- **Warranty Extensions (1-to-3 Years Total Duration)[3]**
  - » 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.
- **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.

RECOMMENDED SERVICES

Lenovo Services

EXTENDED WARRANTY
2 YEAR (TOTAL DURATION)

PART NUMBER: XXXXXXX
PRICE: $XX

[1] Available only on selected model
[2] Varies by country
[3] Optional, two years extra duration only for China
[4] Available on HM77-based models only
[5] Available on both HM77- and HM70-based models
[6] Optional (supported by wireless + Bluetooth® combo card)

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THE LENOVO® B490/B590 LAPTOP

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SOFTWARE OFFERINGS

SUPPORTED OPERATING SYSTEMS

- Windows® 7 Home Basic 32 bit
- Windows® 7 Home Basic 64 bit
- Windows® 7 Home Premium 32 bit
- Windows® 7 Home Premium 64 bit
- Windows® 7 Professional 32 bit
- Windows® 7 Professional 64 bit
- Windows® 8 64 bit
- Windows® 8 Professional 64 bit
- Ubuntu Linux® (China only)

PRE-LOADED APPLICATIONS

- Lenovo® Solution Center (LSC)
- Lenovo Solution for Small Business (LSSB) – optional
- Enhanced Experience 3 – optional
- Lenovo Cloud Storage By SugarSync – for selected countries
- Lenovo Data Recovery

SUPPORTED LSC

- Quick and simple dashboard to view total system health
- Hardware diagnostic tool
- Access to frequently used system management tools for:
  - » Backup and Restore
  - » Antivirus and firewall settings
  - » System and software updates
  - » Internet connections
  - » Service and support



OPTIONS AND ACCESSORIES



Cases

- Lenovo cases provide style, protection and quality, value priced!



Power

- A second AC Adapter makes moving from place to place more convenient
- A second battery extends your productivity and fun







Expansion and Productivity

- Maximize your convenience and expandability with the USB 2.0 Port Replicator with DVI
- UltraSlim Plus Wireless Keyboard and Mouse
- Lenovo USB Laser Mouse
- ThinkPad In-Ear Headphones

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SPECIFICATIONS

PROCESSOR

HM77 based models – Intel® Core™ i3
HM77 based models – Intel® Core™ i5
HM70 based models – Intel® Pentium®
HM70 based models – Intel® Celeron®

OPERATING SYSTEMS

Windows® 7 Home Basic 32 bit
Windows® 7 Home Basic 64 bit
Windows® 7 Home Premium 32 bit
Windows® 7 Home Premium 64 bit
Windows® 7 Professional 32 bit
Windows® 7 Professional 64 bit
Windows® 8 64 bit
Windows® 8 Professional 64 bit
Ubuntu® Linux® (China only)

DISPLAY

B490
14.0" 1366x768 pixels high-glossy

B590
15.6" 1366x768 anti-glare or pixels high-glossy

GRAPHICS

B490
Intel® HD Integrated and Switchable NVIDIA® GPU's
GeForce® GT635M 1GB[4]
GeForce® 610M 1GB[5]

B590
Intel® HD Integrated or Switchable NVIDIA® GPU
GeForce® 610M 1GB

MEMORY

B590 HM77 & HM70-based models – 8GB Max DDR3 1600 MHz (2 DIMM slot)
B490 HM77-based models – 8GB Max DDR3 1600 MHz (2 DIMM slot)
B490 HM70-based models – 4GB Max DDR3 1600 MHz (1 DIMM slot)

I/O (INPUT/OUTPUT) PORTS

HM77-based models – (1) VGA, (1) HDMI, (2) USB 3.0, (2) USB 2.0, (1) RJ45 and (1) 4-in-1 card reader slot
HM70-based models – (1) VGA, (1) HDMI, (1) USB 3.0, (2) USB 2.0, (1) RJ45 and (1) 4-in-1 card reader slot

STORAGE

HDD
320GB/500GB/750GB/1000GB (5400 RPM)
320GB/500GB (7200 RPM)
optional Lenovo Hard Disk Drive Performance Booster – for selected HM77-based models

COMMUNICATION

Gigabit Ethernet
802.11n Wireless
Bluetooth® (Optional)

OPTICAL DISK DRIVE

12.7mm tray-loading Rambo Drive or no optical drive

WEBCAM

0.3MP or 720P HD webcam or no webcam

AUDIO

Stereo speakers
1/8" Stereo Headphone output and Microphone input combo jack

BATTERY LIFE

HM77-based models – up to 6.5 hours
HM70-based models – up to 6 hours

WEIGHT

B490
2.2Kg (4.9lbs)

B590
2.5Kg (5.5lbs)

KEYBOARD

AccuType Keyboard

DIMENSIONS

B490
340mm x 234.6mm x 33.1mm
(13.4" x 9.2" x 1.3")

B590
378mm x 252mm x 33.4mm
(14.9" x 9.9" x 1.3")

MECHANICAL COLORS

Black

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