LENOVO and AMD

Business class design and performance

Discover more
Introducing Lenovo and AMD

Lenovo and AMD continue to lead the industry, combining durable designs and outstanding performance. Lenovo products paired with AMD Accelerated Processing Units allow for today’s sleek, modern form factors and a superior user experience across every price band.
Key AMD benefits

AMD solutions are designed to deliver easy-to-use security and manageability tools, maximize your IT budget and unlock the full computing capability of your PC.

Performance where it matters
- 6 out of 10 IT decision makers found AMD-based commercial PCs to perform business tasks faster
- AMD APUs deliver visually stunning graphics, superior performance and maximum power efficiency
- AMD Eyefinity Technology supports multi-monitor displays for improved productivity and multitasking
- AMD Start Now Technology for fast boot and resume performance and speed through everyday applications with AMD App Acceleration

A smarter spend
- Designed to help you get more out of your IT investment with low acquisition costs and energy efficient designs
- Inspire productivity and delight your users with exceptional graphics and audio experiences without the premium price tag

Secure and manageable
- Built on open standards, AMD systems are easy to integrate with your growing infrastructure, today and in the future
- Keep users productive and your IT investment secure with features such as Trusted Platform Module (TPM), malware protection and full disk encryption
- Broad software compatibility
Choose AMD Eyefinity Technology
Expand the traditional limits of desktop computing by multiplying your screen area. With multiple monitors, workstations become more useful and staff becomes more productive.

AMD Start Now Technology
Ensuring fast boot and resume performance.

Choose AMD App Acceleration
For better application performance, AMD App Acceleration allows you to run multiple applications without having to sacrifice speed or reliability.

AMD AllDay™ Power
Whether you’re traveling across the country or just across the room, stay unplugged with long battery life and AMD AllDay™ Power.

AMD Quick-Stream Technology
Using built-in intelligence to identify and allocate more bandwidth to your highest priority applications, while also maintaining a minimal level of bandwidth for all other applications. This works to nearly eliminate the lag in latency-sensitive applications like streaming video and VoIP.

Graphics and processing power combined on a single chip enables lightweight, power-efficient PCs that deliver a superior visual experience.

AMD Accelerated Processor Unit (APU) gives you an excellent experience with reliable data security and low total cost of ownership while providing the next generation graphical performance and power efficiency.

### Product offerings

- **CPU** (Multi-core CPUs)
  - Designed for:
    - General purpose tasks
    - Most common applications
    - Computer intensive

- **GPU** (External GPU sub-systems)
  - Designed for:
    - Specialized tasks (media)
    - Most visual applications
    - Data processing in parallel

**APU**
AMD Radeon™ graphics technology and AMD Central Processing Unit on a single chip for a whole new level of immersion and interactivity.
Lenovo and AMD commercial offerings

- Lenovo Thinkpad X140e
  - Learn more
  - System Specifications/Comparison

- Lenovo ThinkCentre M78
  - Learn more
  - System Specifications/Comparison

- Lenovo ThinkPad Edge E545
  - Learn more
  - System Specifications/Comparison
Built for the school environment

The Lenovo ThinkPad X140e is designed for those who need reliable and rugged notebooks at an affordable price. ThinkPad X140e has fast processing power, with AMD Processors and AMD Radeon™ graphics. It gives you all-day, non-stop connectivity, 8.5 hours of battery life and additional features like Dolby® Advanced Audio™, HD Display and dual array microphones to ensure unhindered performance. With maximum security, low TCO and greater compliance, the X140e is the perfect choice for educational institutions.

Rugged for Education
Reinforced hinges and bezel, plus rubber bumper around the top cover to protect your laptop. 33% stronger corners reduce accidental damage.

ThinkPad precision keyboard
The industry leading keyboard for responsiveness, providing a superior typing experience. 60% reduced gaps on keyboard prevent objects becoming wedged under keys.

MIL-SPEC tested
Passing 8 US MIL-SPEC tests so far validates the X140e’s ruggedness and durability

Dustless fan
Filters dust from entering the fan assembly, extending the life of the fan

Specifications
# System Specifications/Comparison

<table>
<thead>
<tr>
<th>Models</th>
<th>Processor</th>
<th>Graphics</th>
<th>Memory</th>
<th>Display</th>
<th>Weight</th>
<th>OS</th>
<th>Battery</th>
<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>x140e7</strong></td>
<td>AMD Dual-Core E1-2500 APU</td>
<td>AMD Radeon™ HD 8330/8240</td>
<td>8GB max DDR3 1600 MHz</td>
<td>11.6&quot; HD LED Anti-Glare</td>
<td>Starting at 3.92 lbs</td>
<td>Windows 8.1 Pro, Windows 8.1, Windows® 7 Pro</td>
<td>6-Cell Lithium</td>
<td>11.55&quot; x 8.50&quot; x 1.27&quot;</td>
<td>Up to 500GB</td>
</tr>
<tr>
<td><strong>Dell Inspiron 11 3000 Series®</strong></td>
<td>Intel® Celeron® N2815 (Dual-Core)</td>
<td>Intel® HD graphics</td>
<td>4GB Single Channel DDR3L 1600MHz</td>
<td>11.6&quot; LED Backlit Touch Display with Truelife and HD resolution</td>
<td>3.15 lbs</td>
<td>Windows 8.1 64</td>
<td>3-Cell (50 WHr)</td>
<td>11.81&quot; x 7.93&quot; x 0.83&quot;</td>
<td>500GB</td>
</tr>
<tr>
<td><strong>HP 210 G1®</strong></td>
<td>4th Generation Intel® i3</td>
<td>Intel® HD graphics 4400</td>
<td>2/4/8GB Single Channel DDR3/3L 1600 MHz</td>
<td>11.6&quot; diagonal HD anti-glare 11.6&quot; diagonal HD</td>
<td>3.32lbs/3.37 lbs</td>
<td>Windows 8.1 Pro 64, Windows 8.1 64, Windows® 7 Professional 64 (available through downgrade rights from Windows 8.1 Pro 64), Windows® 7 Professional 64, Windows® 7 Home Premium 64</td>
<td>3-cell (36 WHr) 6-cell</td>
<td>11.42&quot; x 8.54&quot; x 0.85&quot;/0.89&quot;</td>
<td>Up to 500GB</td>
</tr>
</tbody>
</table>
Unlocking performance for business

**Enjoy ultimate performance** with AMD A-series APU and full-featured scalability, yet weighs about 27.6 lbs.

**Platform Stability** 15-month platform stability with no planned hardware changes that affect the preloaded software image to ensure savings for your business.

**Multiple Monitor Display** Reduce errors and improve productivity with triple independent display support.*

**Solid Security & Manageability** Prevent data theft and network security risks against unauthorized use of storage devices with some of the best security tools available in the industry.

**RapidBoot Performance** Reduces startup time by copying and compressing Windows boot files and reloading them to RAM.

**Tool-Less Expandability** Upgrades are a cinch for IT staff, with convenient tool-free access to hardware. Especially beneficial when multiplied by multiple desktops.

**Green Leadership** Control saving energy and keep costs down with Cisco® EnergyWise certification and Lenovo Desktop Power Manager.

* Requires optional discrete graphics card.

Stable, packed with power and green

Engineered for mid-sized to large enterprises, the ThinkCentre M78 is a professional-strength tower desktop. It features 15-month platform stability to ensure cost-effectiveness for your business, plus a host of energy-saving certifications and features.10

**Specifications**
# Lenovo ThinkCentre M78

## System Specifications/Comparison

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<tr>
<th>Models</th>
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<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>M7810</td>
<td>AMD Dual-Core A4-5300 APU</td>
<td>AMD Radeon HD 7480D/8370D/7540D/7560D/8570D</td>
<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows 8 Pro 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
<td>Up to 2x 500GB 1TB Serial-ATA III (7200rpm) 1TB + 8GB Hybrid HDD 3.5&quot; SATA</td>
</tr>
<tr>
<td></td>
<td>AMD Dual-Core A4-5300B APU</td>
<td>AMD Radeon HD 7480D/8370D/7540D/7560D/8570D</td>
<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows 8 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
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<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows® 7 Professional 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
<td>Up to 2x 500GB 1TB Serial-ATA III (7200rpm) 1TB + 8GB Hybrid HDD 3.5&quot; SATA</td>
</tr>
<tr>
<td></td>
<td>AMD Dual-Core A6-5400B APU</td>
<td>AMD Radeon HD 7480D/8370D/7540D/7560D/8570D</td>
<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows® 7 Home Premium 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
<td>Up to 2x 500GB 1TB Serial-ATA III (7200rpm) 1TB + 8GB Hybrid HDD 3.5&quot; SATA</td>
</tr>
<tr>
<td></td>
<td>AMD Quad-CoreA8-5500B APU</td>
<td>AMD Radeon HD 7480D/8370D/7540D/7560D/8570D</td>
<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows® 7 Home Premium 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
<td>Up to 2x 500GB 1TB Serial-ATA III (7200rpm) 1TB + 8GB Hybrid HDD 3.5&quot; SATA</td>
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<tr>
<td></td>
<td>AMD Quad-CoreA8-6500B APU</td>
<td>AMD Radeon HD 7480D/8370D/7540D/7560D/8570D</td>
<td>AMD A75</td>
<td>Up to 32GB* 1600 MHz DDR3 (DIMM)</td>
<td>Up to 27.6 lbs</td>
<td>Windows® 7 Home Premium 64</td>
<td>T: 14.4&quot; x 16.2&quot; x 6.9&quot; SFF: 3.8&quot; x 14.5&quot; x 13.1&quot;</td>
<td>Up to 2x 500GB 1TB Serial-ATA III (7200rpm) 1TB + 8GB Hybrid HDD 3.5&quot; SATA</td>
</tr>
</tbody>
</table>

Dell Inspiron 3000 DT

<table>
<thead>
<tr>
<th>Models</th>
<th>Processor</th>
<th>Graphics</th>
<th>Chipset</th>
<th>Memory</th>
<th>Weight</th>
<th>OS</th>
<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell Inspiron 3000 DT</td>
<td>Intel® Core™ i5-4440</td>
<td>Intel® HD Integrated graphics NVIDIA® GeForce® GT 625 1GB GDDR3</td>
<td>Intel® H81</td>
<td>12GB** Dual Channel DDR3 1600MHz (8GBx1 + 4GBx1)</td>
<td>Starting at 17.5 lbs</td>
<td>Windows 8.1 64 English</td>
<td>14.5&quot; x 17&quot; x 7&quot;</td>
<td>1TB 7200 rpm SATA 6Gb/s Hard Drive</td>
</tr>
</tbody>
</table>

Dell OptiPlex 3020

<table>
<thead>
<tr>
<th>Models</th>
<th>Processor</th>
<th>Graphics</th>
<th>Chipset</th>
<th>Memory</th>
<th>Weight</th>
<th>OS</th>
<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dell OptiPlex 3020</td>
<td>Intel® Pentium® G3220 (Dual-Core)</td>
<td>Intel® HD Integrated graphics 4600 (with select CPUs)</td>
<td>Intel® H81</td>
<td>Up to 16GB***</td>
<td>Up to 20.68 lbs</td>
<td>Windows 8 / Windows 8 Pro / Windows 8.1 / Windows 8.1 Pro / Windows® 7 Home Premium / Windows® 7 Professional / Windows® 7 Ultimate</td>
<td>MT: 14.2&quot; x 16.4&quot; x 6.9&quot; SFF: 11.4&quot; x 12.3&quot; x 3.7&quot;</td>
<td>Up to 1TB**</td>
</tr>
</tbody>
</table>

HP Pavilion 500

<table>
<thead>
<tr>
<th>Models</th>
<th>Processor</th>
<th>Graphics</th>
<th>Chipset</th>
<th>Memory</th>
<th>Weight</th>
<th>OS</th>
<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP Pavilion 500</td>
<td>Intel® Core™ i5-4430 (Quad-Core)</td>
<td>Intel® HD Graphics Nvidia GeForce GT625</td>
<td>Intel® H81</td>
<td>Up to 16GB DDR3-1600MHz</td>
<td>15.7 lbs</td>
<td>Windows 8.1 64</td>
<td>14.48&quot; x 15.35&quot; x 6.91&quot;</td>
<td>Up to 3TB</td>
</tr>
</tbody>
</table>

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*Speed varies by processor. / **GB means 1 billion bytes and TB equals 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less. / ***Significant system memory may be used to support graphics, depending on system memory size and other factors.
Unlocking performance for your business

The full-featured Lenovo ThinkPad® Edge E545 laptop delivers smooth functionality and great performance. The AMD® A-Series APU offers fast computing, while integrated AMD Radeon™ HD graphics bring onscreen images to life. Experience enhanced VoIP communication with the HD webcam and echo-cancelation dual array microphones. With the E545, experience a whole new level of productivity.¹⁴

VoIP and Media
Dual array microphone and Dolby Advanced Audio v2 provide a truly lifelike audio experience

ThinkPad keyboard
Legendary keyboard design with numeric keyboard and spill resistance

Hinges
Drop-down hinges for improved strength and style

Specifications
# System Specifications/Comparison

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<tr>
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<th>OS</th>
<th>Battery</th>
<th>Dimension</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lenovo Edge E54515</td>
<td>AMD Quad-Core</td>
<td>AMD Radeon™ HD 8550G</td>
<td>SOC</td>
<td>Up to 16GB</td>
<td>15.6&quot; HD Antiglare</td>
<td>5.40 lbs</td>
<td>Windows 8 Pro 64</td>
<td>6-cell (48 WHr)</td>
<td>14.84&quot; x 9.64&quot;</td>
<td>Up to 1TB</td>
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<tr>
<td></td>
<td>AMD Quad-Core</td>
<td>AMD Radeon™ HD 8450G</td>
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<td>Windows 8 64</td>
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<td></td>
<td>AMD Dual-Core</td>
<td>AMD Radeon™ HD 7640G</td>
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<td>Windows® 7 Professional 64</td>
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<td></td>
<td>AMD Dual-Core</td>
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<td>A6-5350M APU</td>
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<tr>
<td>HP ProBook 640 C1 Notebook</td>
<td>Intel® Core™ i7</td>
<td>Integrated: Intel® HD Graphics 4600</td>
<td>Intel® HMB7</td>
<td>Up to 16GB</td>
<td>14&quot; LED</td>
<td>Starting at 4.4 lbs</td>
<td>Windows 8 Pro / Windows 8</td>
<td>Up to 9 cell (100 WHr)</td>
<td>13.39&quot; x 9.33&quot;</td>
<td>Up to 1TB</td>
</tr>
<tr>
<td></td>
<td>Intel® Core™ i5</td>
<td>Discrete: AMD Radeon™ HD 8750M</td>
<td>Intel® QM87</td>
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<td></td>
<td></td>
<td>Windows® 7 Professional / Windows® 7 Home Premium / SUSE Linux Enterprise 11 / FreeDOS</td>
<td></td>
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<tr>
<td></td>
<td>Intel® Core™ i3</td>
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<tr>
<td>Dell Latitude 15 3000 series laptop</td>
<td>Intel® Core™ i3-4010U (Dual-Core)</td>
<td>Intel® HD graphics 4400</td>
<td>Intel® HMB7</td>
<td>Up to 8GB</td>
<td>15.6&quot; HD Anti-Glare</td>
<td>Windows 8 Pro / Windows 8</td>
<td>Windows® 7 Home Premium / Windows® 7 Professional / Windows® 7 Home Basic / Ubuntu 12.04 Long Term / Support (LTS) SP1</td>
<td>4-cell (40 WHr)</td>
<td>Up to 1TB</td>
<td></td>
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<tr>
<td></td>
<td>Intel® Core™ i5-4200U (Dual-Core)</td>
<td>AMD Radeon™ HD 8850M</td>
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<tr>
<td></td>
<td>Intel® Core™ i5</td>
<td>AMD Radeon™ HD 8850M</td>
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</tbody>
</table>

*With Battery Safeguard Hardware Authentication
**HD content required to view HD images.
Footnotes

1. In testing performed by a third party, IT decision makers performed a variety of everyday business tasks (Microsoft Excel, Microsoft PowerPoint, and other productivity tasks) on two unlabeled PCs. When asked which system completed the business tasks (Word, web browsing and Excel) first, 61 of 105 or 6 out of 10 selected the AMD-based PC. Test conducted July 2012 in San Francisco and New York City. The systems tested were Lenovo E430’s (Intel Core i5-2450M Processor) vs. Lenovo E435’s (AMD A-Series A8-4500M), both configured with 14” screen size, 4GB 1600 MHz memory, Toshiba 5400RPM 160GB HDD, TRN-137.

2. AMD Eyefinity technology can support multiple displays using a single enabled ATI FirePro™ professional graphics card; the number of supported displays varies by card model. Microsoft®, Windows®, 7, Windows Vista®, or Linux® is required in order to support more than 2 displays. Depending on the card model, native DisplayPort™ connectors and/or certified DisplayPort™ active or passive adapters to convert your monitor’s native input to your card’s DisplayPort™ or Mini-DisplayPort™ connector(s) may be required. See www.amd.com/firepro for details.

3. AMD Start Now technology is a BIOS optimized solution designed to deliver better system responsiveness by minimizing the time to wake up the system from sleep mode, boot the system to desktop and connect to a wireless local area network. Actual times will vary based on operating system, APU, driver, disk drive and memory speed. AMD Start Now technology is available with select AMD APUs when running Windows 7 or Windows 8. Check with your component or system manufacturer or retailer for specific model capabilities.

4. AMD App Acceleration is a set of technologies designed to improve video quality and enhance application performance. Full enablement of some features requires support for OpenCL™ or DirectCompute (including AMD’s Unified Video Decoder (UVD). Not all products have all features or full enablement of some capabilities and may require complementary products.

5. AMD Defines All-Day Battery Life as 8+ hours of continuous use when measured with the Windows Idle test.

6. AMD Quick Stream is a technology designed to prioritize video streaming on PC systems for a smooth, uninterrupted video stream and will work on all 2012 and 2013 Mainstream and Essential Desktop and Notebook APU-based PCs with internet access. It is implemented at the discretion of OEMs on select PCs. Not all features may be supported on all systems - check with your system manufacturer for specific model capabilities and supported technologies.


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AMD solutions are designed to deliver easy-to-use security and manageability tools, maximize your IT budget and unlock the full computing capability of your PC.

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Features of an AMD APU

**CPU**
(Multi-core CPUs)
Designed for:
- General purpose tasks
- Most common applications
- Computer intensive

**GPU**
(External GPU sub-system)
Designed for:
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- Most visual applications
- Data processing in parallel

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AMD Radeon™ graphics technology and AMD Central Processing Unit on a single chip for a whole new level of immersion and interactivity.

6 out of 10 IT decision makers found AMD-based commercial PCs to perform business tasks faster.¹

Choose AMD Eyefinity Technology²
Expand the traditional limits of desktop computing by multiplying your screen area. With multiple monitors, workstations become more useful and staff become more productive.

Accelerated Processing Unit (APU)
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AMD Start Now Technology³
Ensuring fast boot and resume performance.

Choose AMD App Acceleration⁴
For better application performance, AMD App Acceleration allows you to run multiple applications without having to sacrifice speed or reliability.

AMD AllDay™ Power⁵
Whether you’re traveling across the country or just across the room, stay unplugged with long battery life and AMD AllDay™ Power.

AMD Quick-Stream Technology⁶
Using built-in intelligence to identify and allocate more bandwidth to your highest priority applications, while also maintaining a minimal level of bandwidth for all other applications. This works to nearly eliminate the lag in latency-sensitive applications like streaming video and VoIP.
Lenovo
ThinkPad® X140e
Built for the school environment

Processor: AMD Dual-Core™ E1-2500 APU, AMD Quad-Core™ A4-5000 APU
Graphics: AMD Radeon™ HD 8330, AMD Radeon™ HD 8240
Memory: 8GB max DDR3 1600MHz (2 DIMM slots)
Display: 11.6” HD LED Anti-Glare (1366x768)
Storage: 320GB/500GB (S400rpm), 320GB/500GB (7200rpm), 128GB SSD
Dimensions: 11.55” x 8.50” x 1.27”
Weight: 1.78 kg (3.92 lbs.) w/6 cell battery
Battery life: Up to 8.5 hours
OS: Windows 8.1, Windows® 7

Lenovo
ThinkCentre M78
Unlocking performance for business

Processor: AMD Dual-Core A4-5300 APU, AMD Dual-Core A4-5300B APU, AMD Dual-Core A4-6300B APU, AMD Quad-Core A8-5500B APU, AMD Quad-Core A8-6500B APU
Graphics: AMD Radeon™ HD 7480D, AMD Radeon™ HD 8370D, AMD Radeon™ HD 7540D, AMD Radeon™ HD 7560D, AMD Radeon™ HD 8570D
Memory: Up to 32GB 1600 MHz* DDR3 (DIMM)
Storage: Up to 2x 500GB, 1TB Serial-ATA III (7200rpm), 1TB + 8GB Hybrid HDD 3.5” SATA
Dimensions: T: 14.4” x 16.2” x 6.9”, SFF: 3.8” x 14.5” x 13.1”

Lenovo
ThinkPad E545
Next generation performance now

Processor: AMD Quad-Core A8-5550M APU, AMD Quad-Core A8-4500M APU, AMD Dual-Core A6-5350M APU
Graphics: AMD Radeon™ HD 8550G, AMD Radeon™ HD 8450G
Memory: Up to 16 GB Max DDR3 1600 MHz (2 DIMM slot)
Display: 15.6” HD Antiglare
Storage: 320 GB Hard Disk Drive, 5400rpm
Dimensions: 14.84” x 9.64” x 1.12”
Weight: 5.40 lbs.
Battery life: Up to 6.5 hours with Battery Safeguard Hardware Authentication
OS: Windows 8, Windows® 7

AMD provides an outstanding price for performance

At every level, AMD APUs deliver:
- Excellent energy efficiency
- Long battery life
- High quality visual graphics performance
- High performance in OpenCL™ optimized applications
- An outstanding video-conferencing experience
- Open-standards manageability

This chart illustrates competitive product positioning and is not necessarily an indication of relative performance.
Footnotes

1. In testing performed by a third party, IT decision makers performed a variety of everyday business tasks (Microsoft Excel, Microsoft PowerPoint, and other productivity tasks) on two unlabeled PCs. When asked which system completed the business tasks (Word, web browsing and Excel) first, 61 of 105 or 6 out of 10 selected the AMD-based PC. Test conducted July 2012 in San Francisco and New York City. The systems tested were Lenovo E430’s (Intel Core i5-2450M Processor) vs. Lenovo E435’s (AMD A-Series A8-4500M), both configured with 14” screen size, 4GB 1600 MHz memory, Toshiba 5400RPM 160GB HDD. TRN-137.

2. AMD Eyefinity technology can support multiple displays using a single enabled ATI FirePro™ professional graphics card; the number of supported displays varies by card model. Microsoft® Windows® 7, Windows Vista®, or Linux® is required in order to support more than 2 displays. Depending on the card model, native DisplayPort™ connectors and/or certified DisplayPort™ active or passive adapters to convert your monitor’s native input to your card’s DisplayPort™ or Mini-DisplayPort™ connector(s) may be required. See www.amd.com/firepro for details.

3. AMD Start Now technology is a BIOS optimized solution designed to deliver better system responsiveness by minimizing the time to wake up the system from sleep-mode, boot the system to desktop and connect to a wireless local area network. Actual times will vary based on operating system, APU, driver, disk drive and memory speed. AMD Start Now technology is available with select AMD APUs when running Windows 7 or Windows 8. Check with your component or system manufacturer or retailer for specific model capabilities.

4. AMD App Acceleration is a set of technologies designed to improve video quality and enhance application performance. Full enablement of some features requires support for OpenCL™ or DirectCompute (including AMD’s Unified Video Decoder (UVD). Not all products have all features and full enablement of some capabilities and may require complementary products.

5. AMD Defines All-Day Battery Life as 8+ hours of continuous use when measured with the Windows Idle test.

6. AMD Quick Stream is a technology designed to prioritize video streaming on PC systems for a smooth, uninterrupted video stream and will work on all 2012 and 2013 Mainstream and Essential Desktop and Notebook APU based PCs with internet access. It is implemented at the discretion of OEMs on select PCs. Not all features may be supported on all systems - check with your system manufacturer for specific model capabilities and supported technologies.


