



## Lenovo Essential G40-45 AMD E E1-6010 Laptop 35,6 cm (14") 2 GB DDR3L-SDRAM 500 GB HDD Windows 10 Home Black

**Brand :** Lenovo

**Product family:** Essential

**Product code:** 80E100BJD

**Product name :** G40-45



AMD E1-Series E1-6010 (1.35 GHz), 2GB RAM, 500GB HDD, 14.0" HD (1366x768), Radeon R2 series, Windows 10 Home 64

Lenovo Essential G40-45. Product type: Laptop, Form factor: Clamshell. Processor family: AMD E, Processor model: E1-6010, Processor frequency: 1,35 GHz. Display diagonal: 35,6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 2 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 500 GB, Storage media: HDD. On-board graphics card model: AMD Radeon R2. Operating system installed: Windows 10 Home. Product colour: Black. Weight: 2,1 kg



| Design                          |                   | Ports & interfaces                                       |                 |
|---------------------------------|-------------------|--|-----------------|
| Product type *                  | Laptop            | Headphone outputs  | 1               |
| Product colour *                | Black             | S/PDIF out port  | ✗               |
| Form factor *                   | Clamshell         | Microphone in  | ✓               |
| Display                         |                   | Combo headphone/mic port                                 | ✓               |
| Display diagonal *              | 35,6 cm (14")     | ExpressCard slot   | ✗               |
| Display resolution *            | 1366 x 768 pixels | CardBus PCMCIA slot type                                 | ✗               |
| Touchscreen *                   | ✗                 | SmartCard slot   | ✗               |
| LED backlight                   | ✓                 | Keyboard   |                 |
| Native aspect ratio             | 16:9              | Pointing device  | Touchpad        |
| Display brightness              | 200 cd/m²         | Numeric keypad *   | ✗               |
| Dual-screen                     | ✗                 | Spill-resistant keyboard                                 | ✓               |
| Contrast ratio (typical)        | 500:1             | Windows keys   | ✓               |
| Processor                       |                   | Software   |                 |
| Processor manufacturer *        | AMD               | Operating system architecture                            | 64-bit          |
| Processor family *              | AMD E             | Operating system installed *                             | Windows 10 Home |
| Processor model *               | E1-6010           | Processor special features                               |                 |
| Processor cores                 | 2                 | Intel® Wireless Display (Intel® WiDi)                    | ✗               |
| Processor threads               | 2                 | Intel® My WiFi Technology (Intel® MWT)                   | ✗               |
| Processor frequency *           | 1,35 GHz          | Intel Smart Connect Technology                           | ✗               |
| Processor cache                 | 1 MB              | Intel® Anti-Theft Technology (Intel® AT)                 | ✗               |
| Processor cache type            | L2                | Intel® Rapid Start Technology                            | ✗               |
| Memory                          |                   | Intel® Smart Response Technology                         | ✗               |
| Internal memory *               | 2 GB              | Intel® Identity Protection Technology (Intel® IPT)       | ✗               |
| Internal memory type            | DDR3L-SDRAM       | Intel® Hyper Threading Technology (Intel® HT Technology) | ✗               |
| Memory clock speed              | 1600 MHz          | Intel® Turbo Boost Technology                            | ✗               |
| Memory form factor              | SO-DIMM           | Intel® Small Business Advantage (Intel® SBA)             | ✗               |
| Memory slots                    | 2x SO-DIMM        | Intel® Matrix Storage Technology (Intel® MST)            | ✗               |
| Maximum internal memory *       | 16 GB             | Intel® High Definition Audio (Intel® HD Audio)           | ✗               |
| Storage                         |                   |  |                 |
| Total storage capacity *        | 500 GB            |  |                 |
| Storage media *                 | HDD               |  |                 |
| Number of hard drives installed | 1                 |  |                 |
| Hard drive capacity             | 500 GB            |  |                 |
| Hard drive interface            | SATA II           |  |                 |
| Hard drive size                 | 2.5"              |  |                 |

| Storage   |                                     | Processor special features                       |                           |
|---|-------------------------------------|--|---------------------------|
| Card reader integrated                            | ✓                                   | Intel® Active Management Technology (Intel® AMT) | ✗                         |
| Compatible memory cards                           | MMC, SD                             | Enhanced Intel SpeedStep Technology              | ✗                         |
| Graphics  |                                     | Battery  |                           |
| Discrete graphics card model *                    | Not available                       | Battery technology                               | Lithium-Ion (Li-Ion)      |
| On-board graphics card *                          | ✓                                   | Number of battery cells                          | 4                         |
| Discrete graphics card *                          | ✗                                   | Power  |                           |
| On-board graphics card family                     | AMD Radeon R2                       | DC-in jack                                       | ✓                         |
| On-board graphics card model *                    | AMD Radeon R2                       | Security   |                           |
| Audio   |                                     | Cable lock slot                                  | ✓                         |
| Audio system                                      | Dolby Advanced Audio v2             | Password protection                              | ✓                         |
| Number of built-in speakers                       | 2                                   | Password protection type                         | HDD, Power on, Supervisor |
| Speaker power                                     | 1,5 W                               | Certificates                                     |                           |
| Built-in microphone                               | ✓                                   | Compliance certificates                          | RoHS                      |
| Camera  |                                     | Sustainability                                   |                           |
| Front camera                                      | ✓                                   | Sustainability certificates                      | EPEAT Silver, ENERGY STAR |
| Network   |                                     | Weight & dimensions                              |                           |
| Wi-Fi   | ✓                                   | Width  | 384 mm                    |
| Wi-Fi standards                                   | 802.11b, 802.11g, Wi-Fi 4 (802.11n) | Depth  | 265 mm                    |
| Ethernet LAN                                      | ✓                                   | Height   | 25 mm                     |
| Bluetooth   | ✓                                   | Weight *   | 2,1 kg                    |
| Bluetooth version                                 | 4.0                                 | Packaging content                                |                           |
| Ports & interfaces                                |                                     | AC adapter included *                            | ✓                         |
| USB 2.0 ports quantity *                          | 1                                   | Power cord included                              | ✓                         |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2                                   |  |                           |
| Ethernet LAN (RJ-45) ports                        | 1                                   |  |                           |
| HDMI ports quantity *                             | 1                                   |  |                           |
| DVI port  | ✗                                   |  |                           |
| VGA (D-Sub) ports quantity                        | 1                                   |  |                           |

## Catalog Object Cloud



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