



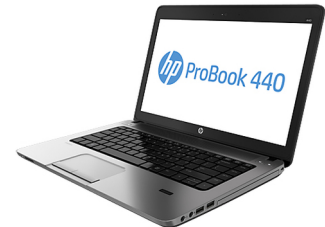
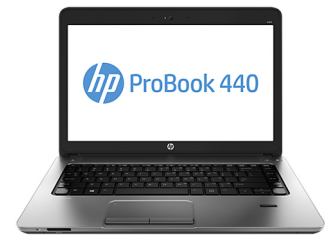
HP ProBook 440 G1 Intel® Core™ i5 i5-4200M Laptop 35.6 cm (14") 4 GB DDR3-SDRAM 500 GB HDD Windows 7 Professional Black, Silver

Brand : HP

Product family: ProBook

Product code: C7N87AV

Product name : 440 G1



Intel Core i5-4200M 2.5GHz, Intel HM87, 4GB 1600MHz DDR3 SDRAM, 500GB 5400 rpm SATA, Intel HD 4600, DVD SuperMulti DL, 14" LED 1366 x 768, Gigabit LAN, WLAN, Bluetooth, Windows 7 Professional 64-bit / Windows 8.1 Pro

HP ProBook 440 G1. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-4200M, Processor frequency: 2.5 GHz. Display diagonal: 35.6 cm (14"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 4600. Operating system installed: Windows 7 Professional. Product colour: Black, Silver

| Design | | Ports & interfaces | |
|-------------------------------|----------------------------------|--|------------------------|
| Product type * | Laptop | ExpressCard slot | ✗ |
| Product colour * | Black, Silver | CardBus PCMCIA slot type | ✗ |
| Form factor * | Clamshell | SmartCard slot | ✗ |
| Country of origin | China | | |
| Display | | Performance | |
| Display diagonal * | 35.6 cm (14") | Motherboard chipset | Intel® HM87 |
| Display resolution * | 1366 x 768 pixels | | |
| Touch screen * | ✗ | Keyboard | |
| HD type | Not supported | Pointing device | Touchpad |
| LED backlight | ✓ | Numeric keypad * | ✗ |
| Native aspect ratio | 16:9 | Spill-resistant keyboard | ✓ |
| Display surface | Matt | Full-size keyboard | ✓ |
| Processor | | Software | |
| Processor manufacturer * | Intel | Operating system architecture | 64-bit |
| Processor family * | Intel® Core™ i5 | Recovery operating system | Windows 8.1 Pro |
| Processor generation | 4th gen Intel® Core™ i5 | Operating system installed * | Windows 7 Professional |
| Processor * | i5-4200M | | |
| Processor number of cores | 2 | Processor special features | |
| Processor threads | 4 | Intel Wireless Display (WiDi) Technology | ✓ |
| Processor boost frequency | 3.1 GHz | Intel My WiFi Technology | ✗ |
| Processor frequency * | 2.5 GHz | Intel Anti-Theft Technology | ✓ |
| System bus data transfer rate | 5 GT/s | Intel Identity Protection Technology | ✓ |
| Processor cache | 3 MB | Intel Hyper-Threading Technology | ✓ |
| Processor cache type | Smart Cache | Intel Turbo Boost Technology | 2.0 |
| Processor socket | PGA946 | Enhanced Intel SpeedStep Technology | ✓ |
| Processor lithography | 22 nm | Intel Clear Video HD Technology | ✓ |
| Processor operating modes | 64-bit | Intel Clear Video Technology | ✗ |
| Processor series | Intel Core i5-4200 Mobile series | Intel® InTru™ 3D Technology | ✓ |
| Processor codename | Haswell | Intel® Insider™ | ✓ |
| Bus type | DMI | Intel® Quick Sync Video Technology | ✓ |
| FSB Parity | ✗ | Intel Flex Memory Access | ✗ |
| Stepping | C0 | | |
| Thermal Design Power (TDP) | 37 W | | |

| Processor | | Processor special features | |
|---|---------------------------|---|-------------------------|
| Tjunction | 100 °C | Intel® Smart Cache | ✓ |
| Maximum number of PCI Express lanes | 16 | Intel AES New Instructions | ✓ |
| PCI Express slots version | 3.0 | Intel Trusted Execution Technology | ✗ |
| PCI Express configurations | 1x16, 2x8, 1x8+2x4 | Intel Enhanced Halt State | ✗ |
| ECC supported by processor | ✗ | Intel VT-x with Extended Page Tables (EPT) | ✓ |
| Memory | | Intel Demand Based Switching | ✗ |
| Internal memory * | 4 GB | Intel® Secure Key | ✓ |
| Internal memory type | DDR3-SDRAM | Intel TSX-NI | ✗ |
| Memory clock speed | 1600 MHz | Intel Clear Video Technology for MID | ✗ |
| Memory layout (slots x size) | 1 x 4 GB | Intel 64 | ✓ |
| Memory slots | 2x SO-DIMM | Execute Disable Bit | ✓ |
| Storage | | Idle States | ✓ |
| Total storage capacity * | 500 GB | Thermal Monitoring Technologies | ✓ |
| Storage media * | HDD | Processor package size | 37.5 x 37.5 x 4.7 mm |
| Number of hard drives installed | 1 | Supported instruction sets | AVX 2.0, SSE4.1, SSE4.2 |
| Hard drive capacity | 500 GB | Processor code | SR1HA |
| Hard drive interface | SATA | CPU configuration (max) | 1 |
| Hard drive rotational speed | 7200 RPM | Embedded options available | ✗ |
| Optical drive type * | DVD Super Multi DL | Intel Virtualization Technology for Directed I/O (VT-d) | ✗ |
| Card reader integrated | ✓ | Intel Identity Protection Technology version | 1.00 |
| Compatible memory cards | SD | Intel Secure Key Technology version | 1.00 |
| Graphics | | Intel TSX-NI version | 0.00 |
| Discrete graphics card model * | Not available | Intel Virtualization Technology (VT-x) | ✓ |
| On-board graphics card * | ✓ | Intel Dual Display Capable Technology | ✗ |
| Discrete graphics card * | ✗ | Intel FDI Technology | ✗ |
| On-board graphics card family | Intel® HD Graphics | Intel Rapid Storage Technology | ✗ |
| On-board graphics card model * | Intel® HD Graphics 4600 | Intel Fast Memory Access | ✗ |
| On-board graphics card base frequency | 400 MHz | Processor ARK ID | 76348 |
| On-board graphics card dynamic frequency (max) | 1150 MHz | Conflict-Free processor | ✓ |
| Maximum on-board graphics card memory | 1.74 GB | Battery | |
| On-board graphics card DirectX version | 11.1 | Battery technology | Lithium-Ion (Li-Ion) |
| On-board graphics card ID | 0x416 | Number of battery cells | 6 |
| Audio | | Battery capacity * | 47 Wh |
| Audio system | DTS Sound+ | Battery life (max) | 9.25 h |
| Built-in microphone | ✓ | Energy Management | |
| Camera | | AC adapter power | 65 W |
| Front camera | ✓ | DC-in jack | ✓ |
| Network | | Security | |
| Wi-Fi | ✓ | Cable lock slot | ✓ |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g | Sustainability | |
| Ethernet LAN connection | ✓ | Sustainability certificates | ENERGY STAR |
| Ethernet LAN data rates | 10,100,1000 Mbit/s | Weight & Dimensions | |
| Bluetooth | ✓ | Width | 339.2 mm |
| Bluetooth version | 4.0 | Depth | 238.5 mm |
| Ports & interfaces | | Height | 22.4 mm |
| USB 2.0 ports quantity * | 2 | Weight * | 1.97 kg |
| USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity * | 2 | Packaging Content | |
| Ethernet LAN (RJ-45) ports quantity | 1 | AC adapter bundled * | ✓ |
| HDMI ports quantity * | 1 | Manual | ✓ |
| DVI port | ✗ | Warranty card | ✓ |
| VGA (D-Sub) ports quantity | 1 | | |

| Ports & interfaces | | Other features | |
|--------------------|---|-----------------------|--------------------------|
| Headphone outputs | 1 | LightScribe | × |
| S/PDIF out port | × | Intel segment tagging | Enterprise, Professional |
| Microphone in | ✓ | | |
| Docking connector | × | | |



0887111591258



887111591258

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.