

**ASUS Vivobook 15 X542UF-0071B8250U komputer buku Intel® Core™ i5 i5-8250U 39,6 cm (15.6") Full HD 4 GB DDR4-SDRAM 1,13 TB HDD+SSD NVIDIA® GeForce® MX130 Wi-Fi 4 (802.11n) Windows 10 Home Kelabu**

**Brand :** ASUS

**Product family:** Vivobook

**Product code:**  
X542UF-0071B8250U

**Product name :**  
X542UF-0071B8250U

ASUS Vivobook 15 X542UF-0071B8250U. Jenis produk: Komputer buku, Faktor bentuk: Cangkerang. Keluarga pemproses: Intel® Core™ i5, Model pemproses: i5-8250U, Frekuensi pemproses: 1,6 GHz. Pepenjuru paparan: 39,6 cm (15.6"), Jenis HD: Full HD, Resolusi paparan: 1920 x 1080 piksel. Memori dalaman: 4 GB, Jenis memori dalaman: DDR4-SDRAM. Kapasiti keseluruhan storan: 1,13 TB, Media simpanan: HDD+SSD. Model penyesuai grafik papan ibu: Intel® UHD Graphics 620. Sistem operasi yang dipasang: Windows 10 Home. Product color: Kelabu



| Reka bentuk                            |                         | Port & antara muka                                     |                 |
|----------------------------------------|-------------------------|--------------------------------------------------------|-----------------|
| Jenis produk *                         | Komputer buku           | Kuantiti port Jenis A USB 3.2 Gen 1 (3.1 Gen 1) *      | 2               |
| Product color *                        | Kelabu                  | Kuantiti port Jenis C USB 3.2 Gen 1 (3.1 Gen 1) *      | 1               |
| Faktor bentuk *                        | Cangkerang              | Port LAN Ethernet (RJ-45)                              | 1               |
| Paparan                                |                         | Kuantiti port HDMI *                                   | 1               |
| Pepenjuru paparan *                    | 39,6 cm (15.6")         | Port DVI                                               | ×               |
| Resolusi paparan *                     | 1920 x 1080 piksel      | Kuantiti port VGA (Sub-D)                              | 1               |
| Skrin sentuh *                         | ×                       | Port kombo fon kepala/mik                              | ✓               |
| Jenis HD                               | Full HD                 | Penyambung dok                                         | ×               |
| Lampu belakang LED                     | ✓                       | Slot ExpressCard                                       | ×               |
| Nisbah aspek asal                      | 16:9                    | Slot kad pintar                                        | ×               |
| Pemproses                              |                         | Papan kekunci                                          |                 |
| Pengilang pemproses *                  | Intel                   | Peranti penunjuk                                       | Pad sentuh      |
| Keluarga pemproses *                   | Intel® Core™ i5         | Pad kekunci angka *                                    | ✓               |
| Generasi pemproses                     | 8th gen Intel® Core™ i5 | Papan kekunci saiz penuh                               | ✓               |
| Model pemproses *                      | i5-8250U                | Kunci Windows                                          | ✓               |
| Teras pemproses                        | 4                       | Perisian                                               |                 |
| Benang pemproses                       | 8                       | Seni bina sistem operasi                               | 64-bit          |
| Frekuensi peningkatan pemproses        | 3,4 GHz                 | Sistem operasi yang dipasang *                         | Windows 10 Home |
| Frekuensi pemproses *                  | 1,6 GHz                 | Ciri khas pemproses                                    |                 |
| Kadar sistem bus                       | 4 GT/s                  | Teknologi Intel® My WiFi (Intel® MWT)                  | ✓               |
| Pemproses cache                        | 6 MB                    | Teknologi Intel® Smart Response                        | ✓               |
| Processor cache type                   | Cache Pintar            | Teknologi Intel® Identity Protection (Intel® IPT)      | ✓               |
| Soket pemproses                        | BGA 1356                | Teknologi Intel® Hyper Threading (Teknologi Intel® HT) | ✓               |
| Pemproses litografi                    | 14 nm                   | Teknologi Intel® Turbo Boost                           | 2.0             |
| Mod pengoperasian pemproses            | 64-bit                  | Teknologi SpeedStep Intel yang telah dipertingkat      | ✓               |
| Pemproses nama kod                     | Kaby Lake R             | Teknologi Video Jernih HD Intel® (Intel® CVT HD)       | ✓               |
| Bus type                               | OPI                     |                                                        |                 |
| Melangkah                              | Y0                      |                                                        |                 |
| Thermal Design Power (TDP)             | 15 W                    |                                                        |                 |
| Frekuensi TDP-naik boleh dikonfigurasi | 1,8 GHz                 |                                                        |                 |
| TDP-turun boleh dikonfigurasi          | 25 W                    |                                                        |                 |

| Pemproses                                            |                                     | Ciri khas pemproses                                                                   |                         |
|------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------|-------------------------|
| TDP-turun yang boleh dikonfigurasi                   | 10 W                                | Teknologi Video Jelas Intel                                                           | ✓                       |
| Frekuensi TDP-turun boleh dikonfigurasi              | 0,8 GHz                             | Teknologi Intel® InTru™ 3D                                                            | ✓                       |
| Tjunction                                            | 100 °C                              | Teknologi Video Intel® Laju Segerak                                                   | ✓                       |
| Jumlah maksimum jalur PCI Ekspres                    | 12                                  | Akses Memori Fleks Intel                                                              | ✓                       |
| Versi slot PCI Express                               | 3.0                                 | Intel® AES Arahan Baharu (Intel® AES-NI)                                              | ✓                       |
| Konfigurasi PCI Express                              | 1x2+2x1, 1x4, 2x2, 4x1              | Teknologi Intel Pelaksanaan yang Dipercayai                                           | ✗                       |
| Disokong ECC oleh pemproses                          | ✗                                   | Intel Keadaan Terhenti yang Dipertingkatkan                                           | ✓                       |
| Memori                                               |                                     | Intel VT-x dengan Jadual Halaman yang Dipanjangkan (EPT)                              | ✓                       |
| Memori dalaman *                                     | 4 GB                                | Intel® Secure Key                                                                     | ✓                       |
| Jenis memori dalaman                                 | DDR4-SDRAM                          | Intel® TSX-NI                                                                         | ✗                       |
| Kelajuan jam memori                                  | 2133 MHz                            | Intel Platform Program Imeg stabil (SIPP)                                             | ✗                       |
| Faktor bentuk memori                                 | SO-DIMM                             | Intel® Pengawal OS                                                                    | ✓                       |
| Slot memori                                          | 2x SO-DIMM                          | Intel Sambungan Pengawal Perisian (Intel SGX)                                         | ✓                       |
| Memori dalaman maksimum *                            | 16 GB                               | Intel® Teknologi video jernih untuk Peranti Internet Mudah Alih (Intel CVT untuk MID) | ✓                       |
| Storan                                               |                                     | Intel 64                                                                              | ✓                       |
| Kapasiti keseluruhan storan *                        | 1,13 TB                             | Laksanakan Bit nyahdaya                                                               | ✓                       |
| Media simpanan *                                     | HDD+SSD                             | Keadaan terbiar                                                                       | ✓                       |
| Jumla HDD yang dipasang                              | 1                                   | Teknologi Pemantauan Termal                                                           | ✓                       |
| Kapasiti HDD                                         | 1 TB                                | Processor package size                                                                | 42 x 24 mm              |
| Kapasiti SSD                                         | 128 GB                              | Set arahan disokong                                                                   | AVX 2.0, SSE4.1, SSE4.2 |
| Antara muka SSD                                      | SATA III                            | Kod pemproses                                                                         | SR3LA                   |
| Faktor bentuk SSD                                    | M.2                                 | CPU konfigurasi (maks)                                                                | 1                       |
| Pembaca kad bersepadu                                | ✓                                   | Opsyen Tertanam tersedia                                                              | ✗                       |
| Kad memori yang serasi                               | SD, SDHC, SDXC                      | Teknologi Kemayaan Intel untuk I/O (VT-d) terarah                                     | ✓                       |
| Grafik                                               |                                     | Intel Identity Protection Technology version                                          | 1,00                    |
| Model penyesuai grafik penuh *                       | NVIDIA® GeForce® MX130              | Intel Versi Teknologi Tindak Balas Pintar                                             | 1,00                    |
| Memori penyesuai grafik penuh                        | 2 GB                                | Intel Versi Program Platform Imej Stabil (SIPP)                                       | 0,00                    |
| Jenis memori grafik penuh                            | GDDR5                               | Intel Secure Key Technology version                                                   | 1,00                    |
| Penyesuai grafik atas papan *                        | ✓                                   | Intel versi TSX-NI                                                                    | 0,00                    |
| Penyesuai grafik diskret *                           | ✓                                   | Teknologi Kemayaan Intel (VT-x)                                                       | ✓                       |
| Keluarga penyesuai grafik pada papan                 | Intel® UHD Graphics                 | Pemproses ARK ID                                                                      | 124967                  |
| Model penyesuai grafik papan ibu *                   | Intel® UHD Graphics 620             | Pemproses bebas konflik                                                               | ✓                       |
| Frekuensi grafik asas penyesuai atas papan           | 300 MHz                             | Bateri                                                                                |                         |
| Frekuensi dinamik (maks) penyesuai atas papan grafik | 1100 MHz                            | Kapasiti bateri *                                                                     | 38 Wh                   |
| Memori penyesuai grafik atas papan maksimum          | 32 GB                               | Kuasa                                                                                 |                         |
| Versi DirectX penyesuai grafik atas papan            | 12.0                                | Kuasa penyesuai AU                                                                    | 65 W                    |
| Versi TerbukaGL penyesuai grafik atas papan          | 4.4                                 | Frekuensi penyesuai AU                                                                | 50 - 60 Hz              |
| Penyesuai grafik ID atas papan                       | 0x5917                              | Voltan input penyesuai AU                                                             | 100 - 240 V             |
| Audio                                                |                                     | Arus output penyesuai AU                                                              | 2,47 A                  |
| Sistem audio                                         | SonicMaster                         | Voltan output penyesuai AU                                                            | 19 V                    |
| Kuasa pembesar suara                                 | 1,5 W                               | DC-in jack                                                                            | ✓                       |
| Mikrofon terbina dalam                               | ✓                                   | Keselamatan                                                                           |                         |
| Kamera                                               |                                     | Perlindungan kata laluan                                                              | ✓                       |
| Front camera                                         | ✓                                   | Jenis perlindungan kata laluan                                                        | BIOS, Pengguna          |
| Rangkaian                                            |                                     | Berat & dimensi                                                                       |                         |
| Wi-Fi                                                | ✓                                   | Lebar                                                                                 | 380 mm                  |
| Piawaian Wi-Fi teratas *                             | Wi-Fi 4 (802.11n)                   | Kedalaman                                                                             | 251 mm                  |
| Standard Wi-Fi                                       | 802.11b, 802.11g, Wi-Fi 4 (802.11n) |                                                                                       |                         |
| Ethernet LAN                                         | ✓                                   |                                                                                       |                         |
| Bluetooth                                            | ✓                                   |                                                                                       |                         |

| Rangkaian               |     | Berat & dimensi         |         |
|-------------------------|-----|-------------------------|---------|
| Versi Bluetooth         | 4.0 | Tinggi                  | 23,2 mm |
| Port & antara muka      |     | Berat *                 | 2,3 kg  |
| Kuantiti port USB 2.0 * | 1   | Kandungan pembungkusan  |         |
|                         |     | Termasuk penyesuai AC * | ✓       |
|                         |     | Manual                  | ✓       |
|                         |     | Power cord included     | ✓       |

## Catalog Object Cloud



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