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|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model            | D500MA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Color            | Black                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Operating System | <div>Windows 11 Pro - ASUS recommends Windows 11 Pro for business</div> <div>Windows 11 Home - ASUS recommends Windows 11 Pro for business</div> <div>Windows 10 Pro Education</div> <div>*Some devices for academic use will automatically be updated to Windows 10 Pro Education with the Windows 10 Anniversary Update. Features vary; see <a href="https://aka.ms/ProEducation">https://aka.ms/ProEducation</a> for Windows 10 Pro Education feature information.</div> <div>Windows 10 Pro - ASUS recommends Windows 11 Pro for business</div> <div>Windows 10 Home - ASUS recommends Windows 11 Pro for business</div> <div>Free Upgrade to Windows 11<sup>1</sup> (when available, see below)</div> |
| Processor        | <div>Intel® Core™ i7-10700 Processor 2.9 GHz (16M Cache, up to 4.7 GHz, 8 cores)</div> <div>Intel® Core™ i5-10500 Processor 3.1 GHz (12M Cache, up to 4.5 GHz, 6 cores)</div> <div>Intel® Core™ i5-10400 Processor 2.9 GHz (12M Cache, up to 4.3 GHz, 6 cores)</div> <div>Intel® Core™ i3-10100 Processor 3.6 GHz (6M Cache, up to 4.3 GHz, 4 cores)</div> <div>Intel® Pentium® G6400 Processor 4.0 GHz (4M Cache, up to 4.0 GHz, 2 cores)</div> <div>Intel® Celeron® G5905 Processor 3.5 GHz (4M Cache, up to 3.5 GHz, 2 cores)</div>                                                                                                                                                                     |

Intel® Celeron® G5900 Processor 3.4 GHz (2M Cache, up to 3.4 GHz, 2 cores)  
Intel® Pentium® G6500 Processor 4.1 GHz (4M Cache, up to 4.1 GHz, 2 cores)

ChipsetIntel® H410 Chipset

GraphicsNVIDIA® GeForce® GT1030 2GB : 1x DVI, 1x HDMI  
NVIDIA® GeForce® GT710 2GB GDDR5 : 1x DVI, 1x D-SUB, 1x HDMI

Memory16GB DDR4 U-DIMM, 2x DDR4 U-DIMM slot, Memory max up to:64GB  
8GB DDR4 U-DIMM x 2, 2x DDR4 U-DIMM slot, Memory max up to:64GB  
8GB DDR4 U-DIMM, 2x DDR4 U-DIMM slot, Memory max up to:64GB  
4GB DDR4 U-DIMM, 2x DDR4 U-DIMM slot, Memory max up to:64GB  
4GB DDR4 U-DIMM x 2, 2x DDR4 U-DIMM slot, Memory max up to:64GB  
2x DDR4 U-DIMM slot, Memory max up to:64GB

SATA3 x SATA 6.0Gb/s ports

Storage1TB M.2 2280 NVMe™ PCIe® 3.0 SSD  
512GB M.2 2280 NVMe™ PCIe® 3.0 SSD  
512GB M.2 2280 NVMe™ PCIe® 3.0 SSD, 1TB SATA 7200RPM 3.5" HDD  
256GB M.2 2280 NVMe™ PCIe® 3.0 SSD  
256GB M.2 2280 NVMe™ PCIe® 3.0 SSD, 1TB SATA 7200RPM 3.5" HDD  
128GB M.2 2280 NVMe™ PCIe® 3.0 SSD, 1TB SATA 7200RPM 3.5" HDD  
128GB M.2 2280 NVMe™ PCIe® 3.0 SSD  
256GB M.2 SATA SSD  
2TB SATA 7200RPM 3.5" HDD  
1TB SATA 7200RPM 3.5" HDD  
500GB SATA 7200RPM 3.5" HDD

|                                |                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Optical Drive (Optional)       | Without optical drive<br>DVD writer 8X<br>DVD reader 8X                                                                                                           |
| Front I/O Ports                | 4x USB 3.2 Gen 1 Type-A<br>1x 3.5mm combo audio jack<br>1x Smart card reader<br>1x 2 in 1 card reader SD / MMC<br>1x Headphone                                    |
| Rear I/O Ports                 | 4x USB 2.0 Type-A<br>3 x Audio jacks<br>2x PS2<br>1x Displayport 1.2<br>1x VGA Port<br>1x HDMI 1.4<br>1x RJ45 Gigabit Ethernet                                    |
| Expansion Slots(includes used) | 2x DDR4 U-DIMM slot<br>2x M.2 connector for WIFI<br>1x M.2 connector for WiFi<br>1x PCI®<br>2x PCIe® 3.0 x 1<br>1x PCIe® 3.0 x 16<br>2x M.2 connector for storage |
| Audio                          | High Definition 7.1 Channel Audio                                                                                                                                 |

|                                |                                                                                                                                                                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network and Communication      | Wi-Fi 6(802.11ax) (Dual band) 2*2 + Bluetooth® 5.4 Wireless Card<br>Wi-Fi 5(802.11ac) (Dual band) 2*2 + Bluetooth® 5.0 Wireless Card<br>Wi-Fi 5(802.11ac) (Dual band) 1*1 + Bluetooth® 5.1 Wireless Card                             |
| Power Supply                   | 300W power supply (80+ Platinum, peak 390W)<br>180W power supply (80+ Bronze, peak 228W)                                                                                                                                             |
| Weight                         | 06.00 kg (13.23 lbs)                                                                                                                                                                                                                 |
| Dimensions (W x D x H)         | 16.20 x 29.13 x 35.50 cm (6.38" x 11.47" x 13.98")                                                                                                                                                                                   |
| Microsoft Office               | 1-month trial for new Microsoft 365 customers. Credit card required.                                                                                                                                                                 |
| Security                       | Trusted Platform Module (TPM) 2.0<br>Trusted Platform Module (Firmware TPM)<br>McAfee® 30 days free trial<br>Kensington Security Slot™(7x 3mm)<br>HDD User Password Protection and Security<br>BIOS Booting User Password Protection |
| Included in the Box (Optional) | Slim ODD assembly kit<br>M.2 2280 SSD assembly kit<br>3.5" HDD assembly kit<br>2.5" HDD assembly kit<br>1 x Parallel port                                                                                                            |

HDD/ODD power cable  
1 x COM port  
1 x COM port x 2  
Audio module card  
Wired optical mouse (USB)  
Wired keyboard (USB)  
Without mouse  
Without keyboard  
VGA assembly kit

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## Disclaimer

<sup>1</sup>The Windows 11 upgrade will be delivered to qualifying devices late 2021 into 2022. Timing will vary by device. Certain features require specific hardware (see [aka.ms/windows11-spec](https://aka.ms/windows11-spec)).

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