

Tech Specs & Customization

Processor

10th Generation Intel® Core™ i3-10100 (6 MB Cache, 4 Core, 3.6 GHz to 4.3 GHz, DDR4 2666)
10th Generation Intel® Core™ i5-10500 (12 MB Cache, 6 Core, 3.1 GHz to 4.5 GHz, DDR4 2666)
10th Generation Intel® Core™ i5-10600 (12 MB Cache, 6 Core, 3.3 GHz to 4.8 GHz, DDR4 2666)
10th Generation Intel® Core™ i5-10600K (12 MB Cache, 6 Core, 4.1 GHz to 4.8 GHz, DDR4 2666)
10th Generation Intel® Core™ i7-10700 (16 MB Cache, 8 Core, 2.9 GHz to 4.7 GHz, DDR4 2933)
10th Generation Intel® Core™ i7-10700K (16 MB Cache, 8 Core, 3.8 GHz to 5.0 GHz, DDR4 2933)
10th Generation Intel® Core™ i9-10900 (20 MB Cache, 10 Core, 2.8 GHz to 5.2 GHz, DDR4 2933)
10th Generation Intel® Core™ i9-10900K (20 MB Cache, 10 Core, 3.7 GHz to 5.3 GHz, DDR4 2933)
10th Generation Intel® Xeon® W-1250 (12 MB Cache, 6 Core, 3.3 GHz to 4.7 GHz, DDR4 2666)
10th Generation Intel® Xeon® W-1250P (12 MB Cache, 6 Core, 4.1 GHz to 4.8 GHz, DDR4 2666)
10th Generation Intel® Xeon® W-1270 (16 MB Cache, 8 Core, 3.4 GHz to 4.9 GHz, DDR4 2666)
10th Generation Intel® Xeon® W-1270P (16 MB Cache, 8 Core, 3.8 GHz to 5.1 GHz, DDR4 2666)
10th Generation Intel® Xeon® W-1290 (20 MB Cache, 10 Core, 3.2 GHz to 5.2 GHz, DDR4 2666)
10th Generation Intel® Xeon® W-1290P (20 MB Cache, 10 Core, 3.7 GHz to 5.3 GHz, DDR4 2666)

Operating System

Windows 10 Pro (64 bit)
Windows 10 Pro for Workstations (64 bit)
Windows 10 Home (64 bit)
Ubuntu® 18.04 SP1
NeoKylin 7.0 (China only)

Video Card

Intel® UHD Graphics P630 (with Intel® Core™ i3/i5/i7/i9 processors)
Intel® UHD Graphics P630 (with Intel Xeon® processor)

Entry 3D cards: (all single or dual)

NVIDIA® Quadro® P1000, 4 GB, DDR5 (optional)
NVIDIA® Quadro® P400, 2 GB DDR5 (optional)
NVIDIA® Quadro® P620, 2 GB, DDR5 (optional)
AMD Radeon™ Pro™ WX3200, 4 GB, DDR5X (optional)

Mid-range 3D cards: (all single or dual)

NVIDIA® Quadro® P2200, 5 GB, DDR5X (optional)
NVIDIA® Quadro® RTX4000, 8 GB, DDR6 (optional)
AMD Radeon™ Pro™ W5500, 8 GB, DDR6 (optional)

High End cards:

AMD Radeon™ Pro™ W5700, 8 GB, DDR6 (optional)
NVIDIA® Quadro® RTX5000, 16 GB, DDR6 (optional)

Memory

8 GB, 1 x 8 GB, DDR4, 2666 MHz, UDIMM, ECC
16 GB, 1 x 16 GB, DDR4, 2666 MHz, UDIMM, ECC
16 GB, 2 x 8 GB, DDR4, 2666 MHz, UDIMM, ECC

32 GB, 1 x 32 GB, DDR4, 2666 MHz, UDIMM, ECC
32 GB, 4 x 8 GB, DDR4, 2666 MHz, UDIMM, ECC
32 GB, 2 x 16 GB, DDR4, 2666 MHz, UDIMM, ECC
64 GB, 4 x 16 GB, DDR4, 2666 MHz, UDIMM, ECC
64 GB, 2 x 32 GB, DDR4, 2666 MHz, UDIMM, ECC
128 GB, 4 x 32 GB, DDR4, 2666 MHz, UDIMM, ECC
8 GB, 1 x 8 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
16 GB, 1 x 16 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
16 GB, 2 x 8 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
16 GB, 4 x 4 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
32 GB, 1 x 32 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
32 GB, 2 x 16 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
32 GB, 4 x 8 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
64 GB, 2 x 32 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
64 GB, 4 x 16 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
64 GB, 4 x 16 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC
124 GB, 4 x 32 GB, DDR4, 2666 MHz for Intel® Core™ i3/i5 processors, 2933 MHz for Intel® Core™ i7/i9/Xeon® processors, UDIMM, Non-ECC

Hard Drive

M.2 2280, 256 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 2 TB, Gen 3 PCIe x4 NVMe, Class 40 SSD
M.2 2280, 512 GB, Gen 3 PCIe x4 NVMe, Class 50 SSD
M.2 2280, 1 TB, Gen 3 PCIe x4 NVMe, Class 50 SSD

2.5-inch, 500 GB, 5400 RPM, SATA HDD
2.5-inch, 1 TB, 5400 RPM, SATA HDD
2.5-inch, 2 TB, 5400 RPM, SATA HDD
2.5-inch, 500 GB, 7200 RPM, SATA HDD
2.5-inch, 1 TB, 7200 RPM, SATA HDD
2.5-inch, 500 GB, 7200 RPM, Opal Self-Encrypting FIPS HDD

3.5-inch, 8 TB, 7200 RPM, SATA Enterprise HDD
3.5-inch, 4 TB, 7200 RPM, SATA Enterprise HDD
3.5-inch, 2 TB, 7200 RPM, SATA HDD
3.5-inch, 1 TB, 7200 RPM, SATA HDD
3.5-inch, 500 GB, 7200 RPM, SATA HDD
3.5-inch, 4 TB, 5400 RPM, SATA HDD

Microsoft Office

Dell Support Assist
DDRE (Dell Developed Recovery Environment)
Performance Optimizer
Dell Support Center
Intel® WiFi Direct

Security Software

Dell Encryption Personal
Dell Encryption Enterprise
Dell Encryption External Media
Dell Data Guardian
Dell Data Protection | Bitlocker Manager (DDP | BLM)
VMWare Airwatch
Dell Data Protection | Endpoint Security Suite or Dell Endpoint Security Suite Pro
Dell Data Protection | Endpoint Security Suite Enterprise or Dell Endpoint Security Suite Enterprise
Mozy (Cloud Backup)
Dell Threat Defense
RSA SecureID
RSA NetWitness Endpoint
Absolute Data and Device Security
D-Pedigree (Secure Supply Chain Functionality)
Microsoft Windows Bitlocker Manager
Windows 10 Device Guard and Credential Guard
Intel Secure Boot (TXT + TPM) - Launch control policy
Intel's Identity Protection (IPT)
Intel Guard Technologies & Secure Key
McAfee® Small Business Security subscription, Digitally Delivered

Support Services

3 Years Hardware Service with Onsite/In-Home Service After Remote Diagnosis
3 Years ProSupport with 4-hr 24x7 In-Home/Onsite Service After Remote Diagnosis
4 Years ProSupport with 4-hr 24x7 In-Home/Onsite Service After Remote Diagnosis
5 Years ProSupport with 4-hr 24x7 In-Home/Onsite Service After Remote Diagnosis
3 Years ProSupport with Next Business Day Onsite Service
4 Years ProSupport with Next Business Day Onsite Service
5 Years ProSupport with Next Business Day Onsite Service
3 Years ProSupport Plus with Next Business Day Onsite Service
4 Years ProSupport Plus with Next Business Day Onsite Service
5 Years ProSupport Plus with Next Business Day Onsite Service
3 Year ProSupport Plus with 4-Hour 24x7 Onsite Service After Remote Diagnosis
5 Year ProSupport Plus with 4-Hour 24x7 Onsite Service After Remote Diagnosis

Accidental Damage Protection

3 Years Accidental Damage Service
4 Years Accidental Damage Service
5 Years Accidental Damage Service

Keyboard

Dell Premier Wireless Keyboard and Mouse - KM717
Dell KB813 Smartcard Keyboard

Ports

Standard Front I/O

2 USB 2.0 Type-A ports
1 USB 3.2 Gen1 Type-A port with PowerShare
1 USB 3.2 Gen2 Type-C port with PowerShare
No SD card reader

Advanced Front I/O offerings

1 USB 3.2 Gen1 Type-A port
1 USB 3.2 Gen2 Type-A port
1 USB 3.2 Gen2 Type-A port with PowerShare
1 USB 3.2 Gen2 Type-C port with PowerShare
With SD card reader

Other Front ports

1 Microphone port
1 3.5 mm headphone jack

Rear: (Starting from top, going left to right)

2 DisplayPort 1.4 ports
2 PS2 ports (Legacy for keyboard and mouse)
1 VGA port / HDMI 2.0 port/ DP++ 1.2 port/ USB Type-C Port with DisplayPort Alt-mode (optional)
2 USB 2.0 Type-A port with SmartPower
1 RJ-45 port 10/100/1000 Mbps
2 USB 3.2 Gen2 Type-A port
2 USB 3.2 Gen1 Type-A port
1 Universal Audio Jack
2 Integrated external SMA antenna connectors (Optional)

Optical Drive

6x BD-R, DVD-RW
8x DVD-ROM
8x DVD RW +/-

Slots

1 Kensington lock slot
1 SD 4.0 card slot (optional)
1 Full-height Gen 3 PCIe x16 slot
1 Full-height PCIe x32 slot
1 Full-height PCIe x4 slot
1 M.2 2230 slot for Wi-Fi and Bluetooth card
2 M.2 2280 slot for SSD
4 SATA slots for 3.5-inch HDD, 2.5-inch HDD, and Optical Drive

Dimensions & Weight

Height: 335.00 mm (13.19") x Width: 176.60 mm (6.95") x Depth: 345.00 mm (13.58") x Weight: 10.60 kg (23.37 lb)

Wireless

Qualcomm® QCA61x4a 802.11ac dual band 2x2 + Bluetooth 5.0
Intel® Wi-Fi 6 AX201 2x2 (Gig+) + Bluetooth 5.1

Power

300 W typical 90% efficient PSU (80PLUS Bronze) (Not available in North America Region)
300 W typical 90% efficient PSU (80PLUS Gold Certified Certified) Energy Star compliant
460 W typical 90% efficient PSU (80PLUS Gold Certified Certified) Energy Star compliant
550 W typical 90% efficient PSU (80PLUS Gold Certified) Energy Star compliant

Regulatory

EPEAT® Silver Registered (Applicable only on 300W Gold and 460W Gold PSUs External Keyboard: KB216/KB813/KM717 and External Mouse: MS116/MS3220)
China CECP
ENERGY STAR® 8.0 qualified
Japan Green PC
Design for Environment (ENV0425)
CEC Compliance
Mark plastics parts as per the ISO 11469 standard