XPS Desktop

EXPAND YOUR POSSIBILITIES

Bigger and better

A physically bigger chassis enables bigger and better graphics performance, improved airflow and liquid cooling options for longer sustained performance.

Creation without limits

Built for creation with powerful features, optional NVIDIA Studio drivers, built-in media card reader and Creator Edition recommendations to tackle intensive creative projects.

Minimalist design

An elegant, minimalist design in a choice of light or dark to seamlessly blend into any environment. Available in Night Sky or Platinum Silver.

Ready for tomorrow

Massive expandability capabilities to continue to improve the desktop over time. The physically larger chassis even supports future graphics.

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Technical specifications

Feature	Technical Specification
Model Number	8950
Processor Options	12th Generation Intel® Core™ i3-12100 (4 Core, 12 MB Cache, 3.3 GHz to 4.3 GHz) 12th Generation Intel® Core™ i5-12400 (6 Core, 18 MB Cache, 2.5 GHz to 4.4 GHz) 12th Generation Intel® Core™ i5-12600K (10 Core, 20 MB Cache, 3.7 GHz to 4.9 GHz) 12th Generation Intel® Core™ i7-12700 (12 Core, 25 MB Cache, 3.6 GHz to 4.9 GHz) 12th Generation Intel® Core™ i7-12700K (12 Core, 25 MB Cache, 3.6 GHz to 5 GHz) 12th Generation Intel® Core™ i9-12900 (16 Core, 30 MB Cache, 2.4 GHz to 5.1 GHz) 12th Generation Intel® Core™ i9-12900K (16 Core, 30 MB Cache, 3.2 GHz to 5.2 GHz)
Chipset	Z690
CPU thermal	Standard CPU air cooling (with 65W CPUs) Advanced CPU air cooling (with 125W k-series CPUs) Performance CPU liquid cooling option (for 125W k-series CPUs only)
Operating System	Microsoft Windows 11 Home, 64-bit Microsoft Windows 11 Pro, 64-bit
Memory Options*	8 GB, 1 x 8 GB, DDR5, 4400 MHz 16 GB, 1 x 16 GB, DDR5, 4400 MHz 32 GB, 1 x 32 GB, DDR5, 4400 MHz 16 GB, 2 x 8 GB, DDR5, 4400 MHz 32 GB, 2 x 16 GB, DDR5, 4400 MHz 64 GB, 2 x 32 GB, DDR5, 4400 MHz 128 GB, 4 x 32 GB, DDR5, 3600 MHz *Up to 128 GB, additional memory sold separately
Graphics	Intel® UHD Graphics NVIDIA® GeForce® GTX 1650 SUPER™ 4GB GDDR6 NVIDIA® GeForce® GTX 1660 SUPER™ 6GB GDDR6 NVIDIA® GeForce® GTX 1660 Ti 6GB GDDR6 NVIDIA® GeForce RTX™ 3060 12GB GDDR6 NVIDIA® GeForce RTX™ 3060 Ti 8GB GDDR6 LHR NVIDIA® GeForce RTX™ 3070 8GB GDDR6 LHR NVIDIA® GeForce RTX™ 3070 Ti 8GB GDDR6X NVIDIA® GeForce RTX™ 3080 10GB GDDR6x LHR NVIDIA® GeForce RTX™ 3080 Ti 12GB GDDR6x NVIDIA® GeForce RTX™ 3090 24GB GDDR6x AMD Radeon™ RX 6600 XT 8GB GDDR6 AMD® Radeon™ RX 6700 XT 12GB GDDR6 AMD Radeon™ RX 6800 XT 16GB GDDR6 AMD® Radeon™ RX 6900 XT 16GB GDDR6
Optical Drive (optional)	DVD-RW Drive (reads and writes to DVD/CD)
Keyboard and mouse	Dell Multimedia Keyboard - KB216 – black or white Dell Optical Mouse – MS116 – black or white

Feature	Technical Specification
Storage Options*	1TB 7200 RPM SATA hard drive 256GB NVMe M.2 PCIe SSD 512GB NVMe M.2 PCIe SSD 1TB NVMe M.2 PCIe SSD 2TB NVMe M.2 PCIe SSD 256GB NVMe M.2 PCIe SSD + 1TB 7200 RPM SATA HDD 256GB NVMe M.2 PCIe SSD + 2TB 7200 RPM SATA HDD 512GB NVMe M.2 PCIe SSD + 1TB 7200 RPM SATA HDD 512GB NVMe M.2 PCIe SSD + 2TB 7200 RPM SATA HDD 1TB NVMe M.2 PCIe SSD + 1TB 7200 RPM SATA HDD 1TB NVMe M.2 PCIe SSD + 2TB 7200 RPM SATA HDD 2TB NVMe M.2 PCIe SSD + 1TB 7200 RPM SATA HDD 2TB NVMe M.2 PCIe SSD + 2TB 7200 RPM SATA HDD
Chassis	Desktop (27.1L) Night Sky resin front bezel with aluminum sides and rubber feet Platinum Silver aluminum bezel and sides + Mineral White resin base with aluminum feet
Multimedia	Integrated 7.1 Channel Audio with Waves MaxxAudio® Pro SD Card Reader (SD, SDHC, SDXC)
Ports and Slots	Front: (3) USB 3.2 Type-A Gen 1, (1) USB 3.2 Type-C™ Gen 2, Headset jack, SD card slot Rear: (2) USB 2.0 Type-A, (2) USB 3.2 Type-A Gen 1, (1) USB 3.2 Type-C™ Gen 2x2, (1) Display Port 1.4 (UMA only)*, (1) Gigabit Ethernet, (1) 7.1 channel audio 6-connector stack of restack able audio ports *Ports differ with graphics cards options
Dimensions & Weight	Height: 14.68" (372.9 mm) Night Sky with rubber feet Height: 15.39" (391 mm) Platinum Silver with aluminum feet Width: 6.81" (173mm) Depth: 16.80" (426.7mm) Starting weight: 16.36lbs (7.42kg) Night Sky Starting weight: 16.79lbs (7.62kg) Platinum Silver
Expansion slots	2x M.2 SSD, 2x 3.5" HDD bays, (1x additional M.2 taken by wireless) 3 PCIe expansion slots (x4, x4, x16) Four DIMM slots (supports up to 128GB)
Graphics power	Max support 350W graphics (requires 750W power supply)
Power supply	460W bronze, 750W platinum (PSU efficiency varies by regional regulatory requirements)
Bays	(4) Up to 4 2x HDD+ 2x SSD (1) Optional ODD
Connectivity	Intel® Killer™ Wi-Fi 6 AX1675 (2x2) 802.11ax WiFi + Bluetooth 5.2 Killer E3100G Ethernet (10/100/1000)

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Essential Accessories

Dell 27 Monitor - P2720D

Dell UltraSharp 34 Curved USB-C HUB Monitor - U3421WE

Dell UltraSharp Webcam - WB7022

Premier Wireless ANC Headset – WL7022

Dell Premier Multi-Device Wireless Keyboard and Mouse (KM7321W)

Dell Premier Rechargeable Wireless Mouse (MS7421W)

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