

PRECISION

5860 TOWER

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER	Precision 5860 Tower
PROCESSOR OPTIONS¹	Intel® Xeon® w3-2423, 15MB cache, 6 cores, 2.1GHz to 4.2GHz Intel® Xeon® w3-2425, 15MB cache, 6 cores, 3.0GHz to 4.4GHz Intel® Xeon® w3-2435, 22.5MB cache, 8 cores, 3.1GHz to 4.5GHz Intel® Xeon® w5-2445, 26.25MB cache, 10 cores, 3.1GHz to 4.6GHz Intel® Xeon® w5-2455X, 30MB cache, 12 cores, 3.2GHz to 4.6GHz Intel® Xeon® w5-2465X, 33.75MB cache, 16 cores, 3.1GHz to 4.7GHz Intel® Xeon® w7-2475X, 37.5MB cache, 20 cores, 2.6GHz to 4.8GHz Intel® Xeon® w7-2495X, 45MB cache, 24 cores, 2.5GHz to 4.8GHz
OPERATING SYSTEM¹	Windows 11 Pro Downgrade (Windows 10 Pro Image-factory installed) Windows 10 CMIT Government Edition, 64-bit (China only) Windows 11 Pro for Workstations Windows 10 Pro for Workstations Downgrade Ubuntu® 22.04 LTS, 64-bit Red Hat® Enterprise Linux® 8.6 Post product launch: NeoKylin
MEMORY OPTIONS^{1,2,3}	16GB, 1 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 32GB, 2 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 64GB, 4 x 16GB, DDR5 ECC, 1 DPC, 4800MHz 96GB, 6 x 16GB, DDR5 ECC, 2 DPC, 4400MHz 128GB, 8 x 16GB, DDR5 ECC, 2 DPC, 4400MHz 32GB, 1 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 64GB, 2 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 128GB, 4 x 32GB, DDR5 ECC, 1 DPC, 4800MHz 192GB, 6 x 32GB, DDR5 ECC, 2 DPC, 4400MHz 256GB, 8 x 32GB, DDR5 ECC, 2 DPC, 4400MHz 64GB, 1 x 64GB, DDR5 ECC 1 DPC, 4800MHz 128GB, 2 x 64GB, DDR5 ECC, 1 DPC, 4800MHz 256GB, 4 x 64GB, DDR5 ECC, 1 DPC, 4800MHz 384GB, 6 x 64GB, DDR5 ECC 2 DPC, 4400MHz 512GB, 8 x 64GB, DDR5 ECC, 2 DPC, 4400MHz Post product launch 128GB, 1 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 256GB, 2 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 512GB, 4 x 128GB, DDR5 ECC, 1 DPC, 4800MHz 768GB, 6 x 128GB, DDR5 ECC, 2 DPC, 4400MHz 1TB, 8 x 128GB, DDR5 ECC, 2 DPC, 4400MHz 256GB, 1 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 512GB, 2 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 1TB, 4 x 256GB, DDR5 ECC, 1 DPC, 4800MHz 1.5TB, 6 x 256GB, DDR5 ECC, 2 DPC, 4400MHz 2TB, 8 x 256GB, DDR5 ECC, 2 DPC, 4400MHz
STORAGE OPTIONS^{1,5}	3.5-inch, 1TB, 7200 RPM, SATA, HDD 3.5-inch, 2TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 4TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 8TB, 7200 RPM, SATA, Enterprise HDD 3.5-inch, 12TB, 7200RPM, Enterprise HDD 2.5-inch, 500GB, 7200 RPM, SATA, HDD 2.5-inch, 600GB, 15K RPM, SAS Enterprise HDD 2.5-inch, 1.2TB, 10K RPM, SAS Enterprise HDD 2.5-inch, 2.4TB, 10K RPM, SAS Enterprise HDD 2.5-inch, 1.92TB, SATA MU SSD M.2 2230, 256GB, PCIe NVMe Gen4 x4, SSD, Class 35 M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 2TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 4TB, PCIe NVMe Gen4 x4, SSD, Class 40 M.2 2280, 512GB, PCIe NVMe Gen4 x4, SSD, Self-Encrypting, Opal 2.0, FIPS M.2 2280, 1TB, PCIe NVMe Gen4 x4, SSD, Self-Encrypting, Opal 2.0, FIPS
GRAPHICS	NVIDIA: NVIDIA® RTX™ A6000, 48GB GDDR6 NVIDIA® RTX™ A5500, 24GB GDDR6 NVIDIA® RTX™ A4500, 20GB GDDR6 NVIDIA® RTX™ A4000, 16GB GDDR6 NVIDIA® RTX™ A2000, 12GB GDDR6 NVIDIA® T1000, 8GB GDDR6 NVIDIA® T400, 4GB GDDR6 NVIDIA® GV100, 32GB HBM2 AMD: AMD Radeon™ Pro W6800, 16GB GDDR6 AMD Radeon™ Pro W6600, 8GB GDDR6 Post product launch AMD Radeon™ Pro W6300, 4GB GDDR6 AMD Radeon™ Pro W6400, 4GB GDDR6

FEATURE TECHNICAL SPECIFICATION

PRODUCTIVITY SOFTWARE¹	Microsoft Office Home and Business Commercial Microsoft Office 2021 Professional Commercial Dell Optimizer for Precision
SECURITY SOFTWARE	McAfee® Small Business Security 30-day free trial McAfee® Small Business Security 12-month subscription McAfee® Small Business Security 36-month subscription Dell Encryption Personal Dell Encryption Enterprise
WARRANTY^{9,10}	3-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 4-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 5-year Basic warranty with hardware service with on-site/in-home service after remote diagnosis 3-year ProSupport with Next Business Day on-site service 4-year ProSupport with Next Business Day on-site service 5-year ProSupport with Next Business Day on-site service 3-year ProSupport Plus for Client with Next Business Day on-site service 4-year ProSupport Plus for Client with Next Business Day on-site service 5-year ProSupport Plus for Client with Next Business Day on-site service
ACCIDENTAL DAMAGE SERVICES	3-year Accidental Damage Service 4-year Accidental Damage Service 5-year Accidental Damage Service
PORTS	Front: (2) USB 3.2 Gen 1 ports USB 3.2 Gen 2 Type-C port with PowerShare USB 3.2 Gen 2 Type-C port Universal audio port SD-card slot Rear: (3) USB 3.2 Gen 2 Type-C ports (2) USB 3.2 Gen 1 ports USB 3.2 Gen 1 port with Smart Power On RJ45 Ethernet port, 1GBE RJ45 Ethernet port, 10GBE Line-out port Serial port (optional) (2) PS2 ports (optional)
OPTICAL DRIVE	Optional - only on computers with ODD 8x DVD-ROM 9.5mm optical drive 8x DVD+/-RW 9.5mm optical drive 16x DVD+/-RW half-height optical drive
SLOTS	Full-height Gen5 PCIe x16 slot Full-height Gen4 PCIe x16 slot (2) Full-height Gen4 PCIe x8 slot open-ended Full-height Gen4 PCIe x8 slot (x4 electrical) open-ended (2) M.2 2230/2280 slots for PCIe NVMe Gen4 SSD (2) SATA slots for 2.5/3.5-inch HDD/SSD (2) Externally facing storage flexbays
DIMENSIONS	US: Height: 16.29in. (414mm) /16.45in. (417.90mm) with rubber-foot protruding Width: 6.79in. (172.60mm) /6.94in. (176.50mm) with rubber-foot protruding Depth: 16.90in. (429.60mm) /17.79in. (452.10mm) with lock-structure protruding Weight: Maximum: 47.80lb (21.70kg) Minimum: 31.70lb (14.40kg) Rest of the world: Height: 414mm (16.29in.) / 417.90mm (16.45in.) with rubber-foot protruding Width: 172.60mm (6.79in.) /176.50mm (6.94in.) with rubber-foot protruding Depth: 429.60mm (16.90in.) / 452.10mm (17.79in.) with lock-structure protruding Weight: Maximum: 21.70kg (47.80lb) Minimum: 14.40kg (31.70lb)

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AUDIO & SPEAKERS¹	Realtek Audio Controller, ALC3246-CG Single Universal Audio Jack on Front panel One line out jack on Rear IO Internal speakers
CHASSIS	Mid-size tower
WIRELESS	Qualcomm® WCN6856-DBS, 2x2 MIMO, 3571MBps, 2.4GHz/5GHz/6GHz, Wi-Fi 6E (Wi-Fi 802.11ax), Bluetooth 5.3
POWER OPTIONS	750W Platinum internal power supply unit 1350W Platinum internal power supply unit - optional
REGULATORY	Product Safety, EMC and Environmental Datasheets: https://www.dell.com/learn/sg/en/sgcorp1/product-info-datasheets-safety-emc-environmental Dell Regulatory Compliance Home Page: https://www.dell.com/learn/sg/en/sgcorp1/regulatory-compliance Dell and the Environment: https://www.dell.com/en-sg/dt/corporate/social-impact/advancing-sustainability/champion-the-many-people/the-people-behind-our-products.htm
CHIPSET	Intel® PCH W790
HARDWARE SECURITY	Security cable slot Padlock loop Chassis lock support - Coin locker Chassis intrusion switch Lockable bezel for externally-facing storage flexbay (included with M.2 NVMe drives, optional with SATA drives) TPM 2.0 Discrete Hardware
SYSTEMS MANAGEMENT	Dell Trusted Device agent SW (for intrusion switch) Waves MaxxAudio Pro Support Dell Color Management and Calibration for Monitors Microsoft Windows BitLocker Manager Support for Encryption SED HDD's (Opal FIPS and non FIPS) Support eDRIVE Storage including RAID PBA support of smart card reader Local HDD data wipe via BIOS ("Secure Erase") BIOS Administrative Password BIOS HDD password option (default off) Windows 10 Device Guard and Credential Guard BIOS Data Port On/Off - Data Port disablement Secure update of pre-boot password(s) via remote BIOS update Core Performance Boost (CPB) IOMMU (Input-Output Memory Management Unit) Single Root IO Virtualization Support (SR-IOV)
CONFIGURATION SERVICES	Factory image load BIOS customization Hardware customization Asset Tagging and Reporting
ADD-IN CARDS	Intel® Ethernet Network Adapter X710GBE NIC Card UltraSpeed Duo card UltraSpeed Quad storage card Wireless LAN card Intel I225 2.5Gb Ethernet Adapter Post product launch USB 3.1 Thunderbolt 4 card (PRTS) MegaRaid9540 Serial card Post product launch MegaRaid9660 (PRTS) USB 4.0 Type-C card (PRTS)