

PRECISION 5480

FEATURE TECHNICAL SPECIFICATION

MODEL NUMBER Precision 5480

PROCESSOR OPTIONS¹³ 13th Generation Intel® Core™ i9-13900H vPro Enterprise, Processor Cores 14, Threads 20, Cache 24MB, up to 5.40GHz
13th Generation Intel® Core™ i7-13800H vPro Enterprise, Processor Cores 14, Threads 20, Cache 24MB, up to Turbo 5.20GHz, E-Core Turbo 4.00GHz, P-Core Base 2.50GHz, E-Core Base 1.80GHz, Gfx Freq. 1.50GHz
13th Generation Intel® Core™ i7-13700H vPro Essential, Processor Cores 14, up to E-Cores 8, Threads 20, Cache 24MB, up to Turbo 5.00GHz, E-Core Turbo 3.70GHz
13th Generation Intel® Core™ i5-13600H vPro Enterprise, Processor Cores 12, Threads 16, Cache 18MB, up to Turbo 4.80GHz, E-Core Turbo 3.60GHz, P-Core Base 2.80GHz
13th Generation Intel® Core™ i5-13500H vPro Essential, Processor Cores 12, Threads 16, Cache 18MB, up to Turbo 4.70GHz,

OPERATING SYSTEM¹⁵ Windows 11 Pro, 64-bit with DGR¹⁷
Windows 11 Pro National Education, 64-bit
Windows 11 Home, 64-bit with DGR¹⁷
RedHat Enterprise Linux 8.6 (64-bit)
Ubuntu® Linux® 22.04 (64-bit)

MEMORY OPTIONS^{13,14,15} 16GB, LPDDR5, 6000 MT/s, integrated, dual-channel
32GB, LPDDR5, 6000 MT/s, integrated, dual-channel
64GB, LPDDR5, 6000 MT/s, integrated, dual-channel

PRIMARY HARD DRIVE^{15, 16} M.2 2230, 256GB, PCIe NVMe Gen4 x4, Class 35 SSD
M.2 2280, 512GB, PCIe NVMe Gen4 x4, Class 40 SSD
M.2 2280, 1TB, PCIe NVMe Gen4 x4, Class 40 SSD
M.2 2280, 2TB, PCIe NVMe Gen4 x4, Class 40 SSD
M.2 2280, 4TB, PCIe NVMe Gen4 x4, Class 40 SSD
M.2 2280, 512GB, PCIe NVMe Gen3 x4, Class 40 SSD, self-encrypting drive
M.2 2280, 512GB, PCIe NVMe Gen4 x4, Class 40 SSD, self-encrypting drive
M.2 2280, 1TB, PCIe NVMe Gen4 x4, Class 40 SSD, self-encrypting drive

GRAPHICS **Integrated:**
Intel® Iris X® Graphics

Discrete: (optional)
NVIDIA RTX A1000 6GB, 6GB GDDR6
NVIDIA RTX 2000 Ada Generation, 8GB GDDR6
NVIDIA RTX 3000 Ada Generation, 8GB GDDR6

DISPLAY OPTIONS¹⁵ 14-inch, 16:10 FHD+, 1920 x 1200, 60Hz, anti-glare, non-touch, 100% sRGB, 500 nits, wide-viewing angle, narrow bent, TÜV low blue light (ComfortView Plus), PremierColor
14-inch, 16:10 QHD+, 2560 x 1600, 60Hz, anti-reflection, touch, 100% sRGB, 500 nits, wide-viewing angle, narrow bent, TÜV low blue light (ComfortView Plus), PremierColor, active pen support

CASE COLOR Anodized Titan Gray

PRODUCTIVITY SOFTWARE¹⁵ Dell Support Assist
DDRE (Dell Developed Recovery Environment)
Dell Optimizer for Precision
Dell Support Center
Intel® WiFi Direct

SECURITY SOFTWARE¹⁵ Dell Client Command Suite
Optional Dell Data Security and Management Software
Dell BIOS Verification
Optional Dell Endpoint Security and Management Software
VMware Carbon Black Endpoint Standard
VMware Carbon Black Endpoint Standard + Secureworks
Threat Detection and Response
Dell Encryption Enterprise
Dell Encryption Personal Carbonite
VMware Workspace ONE
Absolute® Endpoint Visibility and Control Netskope
Dell Supply Chain Defense

WARRANTY^{19, 20} 1-year hardware service with on-site/in-home service after remote diagnosis
2-year hardware service with on-site/in-home service after remote diagnosis
3-year hardware service with on-site/in-home service after remote diagnosis
4-year hardware service with on-site/in-home service after remote diagnosis
5-year hardware service with on-site/in-home service after remote diagnosis
1-year ProSupport with Next Business Day on-site service
2-year ProSupport with Next Business Day on-site service
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
1-year ProSupport Plus with Next Business Day on-site service

FEATURE TECHNICAL SPECIFICATION

WARRANTY^{19, 20} 2-year ProSupport Plus with Next Business Day on-site service
3-year ProSupport Plus with Next Business Day on-site service
4-year ProSupport Plus with Next Business Day on-site service
5-year ProSupport Plus with Next Business Day on-site service

ACCIDENTAL DAMAGE SERVICES 1-year Accidental Damage Service
2-year Accidental Damage Service
3-year Accidental Damage Service
4-year Accidental Damage Service
5-year Accidental Damage Service

KEYBOARD¹⁵ Spill resistant, Available in many languages, backlit optional.

PORTS (4) ThunderBolt™ 4 ports with PowerDelivery and DisplayPort (USB Type-C™)
Headset (headphone and microphone combo) port

SLOTS SmartCard Reader (optional)
MicroSD-card slot
Wedge-shaped lock slot

DIMENSIONS **US:**
Height (rear): 0.43in. (11.09mm)
Height (peak): 0.74in. (18.95mm)
Height (front): 0.29in. (7.49mm)
Width: 12.22in. (310.60mm)
Depth: 8.27in. (210.35mm)
Weight: 3.26lb (1.48kg)

Rest of the world:
Height (rear): 11.09mm (0.43in.)
Height (peak): 18.95mm (0.74in.)
Height (front): 7.49mm (0.29in.)
Width: 310.60mm (12.22in.)
Depth: 210.30mm (8.27in.)
Weight: 1.48kg (3.26lb)

CAMERA 720p at 30 fps, HD IR Camera with ALS sensor

AUDIO & SPEAKERS¹⁵ Stereo speakers with Dialog, 2W x 4 = 8W total

WIRELESS Intel® AX211, 2x2 MIMO, 2400Mbps,
2.40GHz/5GHz/6GHz, Wi-Fi 6E (WiFi 802.11ax), Blue-tooth® 5.2

BATTERY 4-cell, 72Whr "smart" lithium-ion, ExpressCharge™, optional Long Cycle Life

POWER OPTIONS¹⁵ 100W AC adapter, USB-C (UMA only)
130W AC adapter, USB-C (Discrete only)

REGULATORY^{18, 21} **Product Safety, EMC and Environmental Datasheets:**
<https://www.dell.com/learn/us/en/uscorp1/product-info-datasheets-safety-emc-environmental>

Dell Regulatory Compliance Home Page:
<https://www.dell.com/learn/us/en/uscorp1/regulatory-compliance?s=corp>

Dell and the Environment:
<https://corporate.delltechnologies.com/en-us/social-impact/advancing-sustainability/sustainable-supply-chain/environment.htm>

INTEL RESPONSIVENESS TECHNOLOGIES Intel® Rapid Storage Technology

HARDWARE SECURITY Trusted Platform Module (TPM) 2.0 discrete
FIPS 140-2 certification for TPM
TCG Certification for TPM (Trusted Computing Group)
Contacted Smart Card and Control Vault 3
Contactless Smart Card, NFC, and ControlVault 3
SED SSD NVMe, SSD and HDD (Opal and non-Opal) per SDL
Finger Print Reader on Power Button tied to Control vault 3
SED (Opal 2.0 only - PCIe Interface)

SENSORS Ambient Light Sensor
IR User
Accelerometer
Adaptive Thermal Performance (Lap vs. Desk mode) requires Gyro/
Accelerometer (NOTE: This is for thermal only.)
Hall Effect Sensor

SYSTEMS MANAGEMENT Dell Power Manager (DPM)
Dell Command | Configure Version 4.0
Dell Command | Monitor 10.0
Dell Command | Update 3.0
Dell Command | Deploy (DCP)
Dell Command | Integration Suite for System Center 5.0 (DCIS) with vPro®
Dell Command | Intel® vPro™ Out of Band (DCIV)
Dell Command | PowerShell Provider 2.0
Dell Command | Deploy Driver Pack Catalog 1.0