



DELL Precision 5680 Intel® Core™ i9 i9-13900H Estación de trabajo móvil 40.6 cm (16") Full HD+ 32 GB LPDDR5-SDRAM 1 TB SSD NVIDIA RTX 2000 Ada Wi-Fi 6E (802.11ax) Windows 11 Pro Gris

Marca : DELL

Familia de productos:
Precision

Código del producto:
1025593268119

Nombre del producto : 5680

DELL Precision 5680. Tipo de producto: Estación de trabajo móvil, Factor de forma: Concha. Familia de procesador: Intel® Core™ i9, Modelo del procesador: i9-13900H. Diagonal de la pantalla: 40.6 cm (16"), Tipo HD: Full HD+, Resolución de la pantalla: 1920 x 1200 Pixeles. Memoria interna: 32 GB, Tipo de memoria interna: LPDDR5-SDRAM. Capacidad total de almacenaje: 1 TB, Unidad de almacenamiento: SSD. Modelo de gráficos en tarjeta: Intel Iris Xe Graphics, Modelo de adaptador de gráficos discretos: NVIDIA RTX 2000 Ada. Sistema operativo instalado: Windows 11 Pro. Color del producto: Gris



| Design | | Camera | |
|---------------------------|--------------------------|---|--|
| Colour name | Titan Gray | Front camera HD type | Full HD |
| Product type * | Mobile workstation | Video capturing speed | 30 fps |
| Product colour * | Grey | Infrared (IR) camera | ✓ |
| Form factor * | Clamshell | Network | |
| Housing material | Aluminium | Top Wi-Fi standard * | Wi-Fi 6E (802.11ax) |
| Market positioning | Business | Wi-Fi standards | Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax) |
| Display | | Mobile network connection * | ✗ |
| Display diagonal * | 40.6 cm (16") | Wi-Fi data rate (max) | 2400 Mbit/s |
| Display resolution * | 1920 x 1200 pixels | Antenna type | 2x2 |
| Touchscreen * | ✗ | WLAN controller model | Intel Wi-Fi 6E AX211 |
| HD type | Full HD+ | WLAN controller manufacturer | Intel |
| Panel type | WLED | Ethernet LAN | ✗ |
| LED backlight | ✓ | Bluetooth | ✓ |
| Native aspect ratio | 16:10 | Ports & interfaces | |
| Anti-glare screen | ✓ | USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity | 1 |
| Display brightness | 500 cd/m ² | HDMI ports quantity * | 1 |
| Pixel density | 142 ppi | HDMI version | 2.0b |
| RGB colour space | DCI-P3 | Thunderbolt 4 ports quantity | 2 |
| Colour gamut | 100% | Intel® Thunderbolt 4 | ✓ |
| Maximum refresh rate | 60 Hz | Combo headphone/mic port | ✓ |
| Contrast ratio (typical) | 1300:1 | USB Type-C DisplayPort Alternate Mode | ✓ |
| Processor | | Performance | |
| Processor manufacturer * | Intel | Accelerometer | ✓ |
| Processor family * | Intel® Core™ i9 | | |
| Processor generation | 13th gen Intel® Core™ i9 | | |
| Processor model * | i9-13900H | | |
| Processor cores | 14 | | |
| Processor boost frequency | 5.4 GHz | | |

| | | | |
|--------------------------------------|--|---------------------------------------|-------------------------|
| Processor | | Keyboard | |
| Performance cores | 6 | Pointing device | Trackpad |
| Efficient cores | 8 | Numeric keypad * | ✗ |
| Performance-core Max Turbo Frequency | 5.4 GHz | Keyboard backlit | ✓ |
| Efficient-core Max Turbo Frequency | 4.1 GHz | Software | |
| Processor cache | 24 MB | Operating system architecture | 64-bit |
| Processor cache type | Smart Cache | Operating system installed * | Windows 11 Pro |
| Processor base power | 45 W | Battery | |
| Maximum turbo power | 115 W | Battery technology | Lithium-Ion (Li-Ion) |
| Memory | | Number of battery cells | 6 |
| Internal memory * | 32 GB | Battery capacity * | 99.5 Wh |
| Internal memory type | LPDDR5-SDRAM | Battery voltage | 11.55 V |
| Memory form factor | On-board | Battery recharge time | 3 h |
| Maximum internal memory * | 32 GB | Fast charging | ✓ |
| Storage | | Battery weight | 363 g |
| Total storage capacity * | 1 TB | Power | |
| Storage media * | SSD | AC adapter power | 165 W |
| Total SSDs capacity | 1 TB | AC adapter frequency | 50/60 Hz |
| Number of SSDs installed | 1 | AC adapter input voltage | 100 - 240 V |
| SSD capacity | 1 TB | USB Type-C charging port * | ✓ |
| SSD interface | PCI Express 4.0 | USB charging voltage | 20,5,9,15 V |
| NVMe | ✓ | Security | |
| SSD form factor | M.2 | Cable lock slot | ✓ |
| SSD performance class | 40 | Cable lock slot type | Wedge |
| Optical drive type * | ✗ | Trusted Platform Module (TPM) | ✓ |
| Card reader integrated | ✓ | Trusted Platform Module (TPM) version | 2.0 |
| Compatible memory cards | MicroSD (TransFlash), MicroSDHC, MicroSDXC | Operational conditions | |
| Graphics | | Operating temperature (T-T) | 0 - 35 °C |
| Discrete graphics card model * | NVIDIA RTX 2000 Ada | Storage temperature (T-T) | -40 - 65 °C |
| Discrete graphics card memory | 8 GB | Operating relative humidity (H-H) | 10 - 90% |
| Discrete graphics memory type | GDDR6 | Storage relative humidity (H-H) | 0 - 95% |
| On-board graphics card * | ✓ | Operating altitude | -15.2 - 3048 m |
| On-board GPU manufacturer | Intel | Non-operating altitude | -15.2 - 10668 m |
| Discrete graphics card * | ✓ | Operating shock | 110 G |
| On-board graphics card model * | Intel Iris Xe Graphics | Non-operating shock | 160 G |
| Audio | | Operating vibration | 0.66 G |
| Audio chip | Realtek ALC711-VD | Non-operating vibration | 1.3 G |
| Number of built-in speakers | 4 | Sustainability | |
| Speaker power | 8 W | Sustainability compliance | ✓ |
| Built-in microphone | ✓ | Sustainability certificates | ENERGY STAR, EPEAT Gold |
| Number of microphones | 2 | Weight & dimensions | |
| Camera | | Width | 353.7 mm |
| Front camera | ✓ | Depth | 240.3 mm |
| Front camera resolution (numeric) | 0.9 MP | Height (front) | 2.62 cm |
| Front camera resolution | 1920 x 1080 pixels | Height (rear) | 2.62 cm |
| | | Weight * | 1.91 kg |
| | | Packaging content | |
| | | Cables included | AC |

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