

Dell Precision Mobile Workstations



Now featuring new Intel Core Ultra processors with AI Boost and faster integrated graphics.*

*On select systems



	PRECISION 3490	PRECISION 3590	PRECISION 3591	PRECISION 5490
DESCRIPTIONS	Small, light 14" workstation designed for Power Users	An affordable entry level 15" workstation for Power Users	The next level of performance in an entry-class workstation	Power packed thin and light workstation
RECOMMENDED USE CASES	Great for multi-tasking across office (Excel, PPT), collaboration (Zoom, Teams), and productivity (Power BI) applications Use cases: Power Users, hybrid workers, students, financial analysts	Great for multi-tasking across office (Excel, PPT), collaboration (Zoom, Teams), and productivity (Power BI) applications Use cases: Power Users, hybrid workers, students, financial analysts	Great for medium 2D/ light 3D CAD, CAM, heavy Excel, compilers Use cases: Architects, engineers, software developers and CAD personnel	Great for graphic design, animation, video and photo editing, CAD and CAM Use cases: Architects, engineers, video editors, animators, photographers, graphic designers
PROCESSOR (Up to)	Intel® Core™ Ultra 7 165H vPro®, 28W, 16 (6P+8E+ 2LPE) cores	Intel® Core™ Ultra 7 165H vPro®, 28W, 16 (6P+8E+2LPE) cores	Intel® Core™ Ultra 9 185H vPro®, 45W, 16 (6P+8E+2LPE) cores	Intel® Core™ Ultra i9, vPro® H45W 14 (6P+8E+2LPE) cores
GRAPHIC CARD (Up to)	NVIDIA® RTX™ 500 Ada (4GB)	NVIDIA® RTX™ 500 Ada (4GB)	NVIDIA RTX™ 2000 Ada (8GB)	NVIDIA RTX™ 3000 Ada (8GB)
MEMORY (Up to)	64GB, DDR5 5600MT/s, non-ECC	64GB, DDR5 5600MT/s, non-ECC	64GB, DDR5 5600MT/s, non-ECC	64GB DLPDDR5x R5 7467MT/s, non-ECC
STORAGE (Up to)	2TB	3TB	4TB	4TB
DISPLAY (Up to)	14" 16:9 FHD, PremierColor. Touch and ComfortView Plus options	15.6" 16:9 FHD, PremierColor, Touch and ComfortView Plus options	15.6" 16:9 FHD, PremierColor, Touch and ComfortView Plus options	14" InfinityEdge 16:10 display QHD+, PremierColor with Touch, Pen and ComfortView Plus options
CAMERA (Up to)	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy	720p HD IR camera, fast sign-in with Presence Detection, ambient light sensor
WIDTH	12.65" / 321.35 mm	14.09" / 357.80 mm	14.09" / 357.80 mm	12.22" / 310.60 mm
DEPTH	8.35" / 212 mm	9.19" / 233.30 mm	9.19" / 233.30 mm	8.27" / 210.35 mm
HEIGHT	0.75"/19.06 mm (front), 0.83"/ 21.04 mm (rear)	0.82"/20.80 mm (front), 0.90"/22.80 mm (rear)	0.89"/22.70 mm (front), 0.97"/24.70 mm (rear)	29"/7.49mm (front), 43"/11.09mm (rear)
STARTING WEIGHT	3.06 lbs / 1.39 kg	3.58 lbs. / 1.62 kg	3.96 lbs / 1.79 kg	3.26 lbs / 1.48 kg



	PRECISION 5690	PRECISION 7680	PRECISION 7780
DESCRIPTIONS	World's smallest footprint 16" workstation, with scalability and performance	Our most scalable 16" workstation, available with thin or performance chassis	Our most scalable and largest screen size workstation, 17"
RECOMMENDED USE CASES	Great for graphic design, animation, video and photo editing, CAD and CAM Use cases: Architects, engineers, video editors, animators, photographers, graphic designers	Great for VR/AR and AI applications, CAE and other complex apps Use cases: Engineers, creators, geophysicist, gaming developers, scientists, animators, graphic designers, heavy compute applications	Great for AI applications, CAE and other complex apps Use cases: Engineers, creators, geophysicist, gaming developers, scientists, animators, graphic designers and users of heavy compute, graphical applications
PROCESSOR (Up to)	Intel® Core™ Ultra i9, vPro® H45W, 16 cores (6P+8E+2LPE) cores	Intel® Core™ i9, vPro® HX 55W, 24 (8P + 16E) cores	Intel® Core™ i9, HX 55W, 24 (8P + 16E) cores
GRAPHIC CARD (Up to)	NVIDIA RTX™ 5000 Ada (16GB)	NVIDIA RTX™ 5000 Ada (16GB)	NVIDIA RTX™ 5000 Ada (16GB)
MEMORY (Up to)	64GB LPDDR5x 7467MT/s, non-ECC	128GB (CAX), 64GB (SODIMM), 5600MT/s, optional ECC, non-ECC	128GB (CAX), 64GB (SODIMM), 5600MT/s, optional ECC, non-ECC
STORAGE (Up to)	8TB	Thin: 8TB Performance: 12TB	16TB
DISPLAY (Up to)	16", 3-sided* InfinityEdge 16:10 display UHD+ OLED with Touch, PremierColor ComfortView Plus options	16", narrow bezel 16:10 OLED display with HDR500, PremierColor, Touch and ComfortView Plus options	17.3" 16:9 display with HDR400, PremierColor, ComfortView Plus options
CAMERA (Up to)	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy	1080p FHD HDR IR, fast sign-in with Presence Detection and Intelligent Privacy
WIDTH	13.92" / 353.68mm	14.2" / 356 mm	15.67" / 398 mm
DEPTH	9.46" / 240.33 mm	10.18" / 258 mm	10.44" / 265 mm
HEIGHT	78"/20.05 mm (front), 87"/22.17 mm (rear)	Thin: 0.88"/22.30 mm (front), 0.92"/23.20 mm (rear) Performance: 0.99"/25.05 mm (front), 1.03 in./25.95 mm (rear)	1.03"/25.95 mm (front), 1.06"/26.70 mm (rear)
STARTING WEIGHT	4.8lbs / 2.17Kg	Thin: 5.75lb/ 2.6 kg Performance: 5.90 lbs/ 2.67 kg	6.73 lbs / 3.05 kg