DELL

DELL Pro Max 16 MC16250 Intel Core Ultra 7 255H Mobiilne tööjaam 40,6 cm (16") Full HD+ 16 GB DDR5-SDRAM 512 GB SSD Wi-Fi 7 (802.11be) Windows 11 Pro Must

Brand : DELL

Product family: Pro

Product code: BTO116_MC16250_EMEA

Product name : MC16250

DELL Pro Max 16 MC16250. Toote tüüp: Mobiilne tööjaam, Toote kuju: Kokkukäiv. Protsessori perekond: Intel Core Ultra 7, Protsessori mudel: 255H. Ekraani diagonaal: 40,6 cm (16"), HD tüüp: Full HD+, Ekraani resolutsioon: 1920 x 1200 pikslit. Sisemälu: 16 GB, Sisemälu tüüp: DDR5-SDRAM. Salvestusmaht kokku: 512 GB, Salvestusseade: SSD. Pardagraafika adapteri mudel: Intel Arc 140T. Installitud operatsioonisüsteem: Windows 11 Pro. Toote värv: Must. Kaal: 2,2 kg

Design	
Product type *	Mobile workstation
Product colour *	Black
Form factor *	Clamshell

Display	
Display diagonal *	40.6 cm (16")
Display resolution *	1920 x 1200 pixels
Touchscreen *	✗
HD type	Full HD+
Panel type	WVA
LED backlight	✔
Native aspect ratio	16:10
Anti-glare screen	✔
Display brightness	300 cd/m²
Pixel pitch	0.18 x 0.18 mm
Pixel density	142 ppi
RGB colour space	NTSC
Colour gamut	45%
Display response rise/fall	35 ms
Maximum refresh rate	60 Hz
Contrast ratio (typical)	1000:1

Processor	
Processor manufacturer *	Intel
Processor family *	Intel Core Ultra 7
Processor generation	Intel Core Ultra (Series 2)
Processor model *	255H
Processor cores	16
Processor threads	16
Processor boost frequency	5.1 GHz
Performance cores	6
Efficient cores	8
Low Power Efficient-cores	2

Camera	
Front camera resolution (numeric)	2.07 MP
Front camera resolution	1920 x 1080 pixels
Front camera HD type	Full HD
Video capturing speed	30 fps
Infrared (IR) camera	✔
Privacy camera	✔
Privacy type	Privacy shutter

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), Wi-Fi 7 (802.11be), 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 6E (802.11ax)
Mobile network connection *	✗
Wi-Fi band	Tri-band (2.4 GHz / 5 GHz / 6 GHz)
Wi-Fi data rate (max)	5760 Mbit/s
WLAN controller model	Intel Wi-Fi 7 BE201
WLAN controller manufacturer	Intel
Ethernet LAN	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔

Ports & interfaces	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
HDMI version	2.1
Thunderbolt 4 ports quantity	2
Combo headphone/mic port	✔
USB Type-C DisplayPort Alternate Mode	✔
PowerShare	✔

Processor

Performance-core Max Turbo Frequency	5.1 GHz
Efficient-core Max Turbo Frequency	4.4 GHz
Low Power Efficient-core Max Turbo Frequency	2.5 GHz
Performance-core base frequency	2 GHz
Efficient-core base frequency	1.5 GHz
Low Power Efficient-core Base Frequency	700 MHz
Processor cache	24 MB
Processor base power	28 W
Maximum turbo power	115 W

Neural processor unit (NPU)

Neural processor unit (NPU)	Intel AI Boost
Sparsity support	✔
Windows Studio effects support	✔
AI software frameworks supported by NPU	DirectML, OpenVINO, Windows ML, ONNX RT, WebNN
Total processor performance up to	96 TOPs
NPU performance up to	13 TOPs
GPU performance up to	74 TOPs

Memory

Internal memory *	16 GB
Internal memory type	DDR5-SDRAM
Memory form factor	SO-DIMM
Memory layout (slots x size)	2 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	64 GB
Memory channels	Dual-channel
Memory data transfer rate	5600 MT/s

Storage

Total storage capacity *	512 GB
Storage media *	SSD
Total SSDs capacity	512 GB
Number of SSDs installed	1
SSD capacity	512 GB
SSD interface	PCI Express 4.0
NVMe	✔
SSD form factor	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	MicroSD (TransFlash)

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
On-board GPU manufacturer	Intel
Discrete graphics card *	✘
On-board graphics card family	Intel Arc Graphics
On-board graphics card model *	Intel Arc 140T

Audio

Audio chip	Realtek ALC3329
Audio system	MaxxAudio Pro
Number of built-in speakers	2
Speakers manufacturer	Waves
Speaker power	2 W
Built-in microphone	✔
Number of microphones	2

Performance

Motherboard chipset	Intel SoC
Accelerometer	✔
Hall sensor	✔

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Keyboard backlit	✔

Software

Operating system architecture	64-bit
Trial software	McAfee Business Protection 1-year,Microsoft Office Trial
Operating system installed *	Windows 11 Pro

Brand-specific features

Brand specific technologies	Express Charge Boost capable

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	4
Battery capacity *	64 Wh
Battery voltage	15.6 V
Battery recharge time	3 h
Fast charging	✔
Battery weight	255 g

Power

AC adapter power	100 W
AC adapter frequency	50/60 Hz
AC adapter input voltage	100 - 240 V
USB Type-C charging port *	✔
USB Type-C required charging power (min) *	45 W
USB Type-C required charging power (max) *	63 W
USB Power Delivery (USB PD)	✔
USB charging voltage	20,5,9,15 V

Security

Cable lock slot	✔
Cable lock slot type	Wedge
Fingerprint reader	✔
Windows Hello	✔
Trusted Platform Module (TPM)	✔
Trusted Platform Module (TPM) version	2.0

Operational conditions

Operating temperature (T-T)	0 - 35 °C
Storage temperature (T-T)	-40 - 65 °C
Operating relative humidity (H-H)	10 - 90%
Storage relative humidity (H-H)	0 - 95%
Operating altitude	-15.2 - 3048 m
Non-operating altitude	-15.2 - 10668 m
Operating shock	110 G
Non-operating shock	160 G
Operating vibration	0.66 G
Non-operating vibration	1.3 G

Sustainability

Sustainability certificates	ENERGY STAR, EPEAT Gold

Weight & dimensions

Camera		Weight & dimensions	
Front camera	✔	Width	358 mm
		Depth	256 mm
		Height (front)	1.51 cm
		Height (rear)	1.91 cm
		Weight *	2.2 kg

Packaging content	
AC adapter included *	✔
Cables included	AC