![DELL logo]

DELL Precision M3510 i5-6440HQ Mobile workstation 39.6 cm (15.6") Intel® Core™ i5 8 GB DDR4-SDRAM 256 GB SSD AMD FirePro W5130M Windows 7 Professional Black

Brand : DELL

Product family: Precision

Product code:
CUPENTR0135F08CN1OJP

Product name : M3510

Intel Core i5-6440HQ (6MB Cache, 2.6 GHz), 8GB DDR4 2133MHz, 256GB M.2 SATA SSD, AMD FirePro W5130M 2GB GDDR5, 39.624 cm (15.6 ") WLED HD 1366 x 768, WLAN, Gigabit LAN, Bluetooth, Windows 7 Professional 64-bit
DELL Precision M3510. Product type: Mobile workstation, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-6440HQ, Processor frequency: 2.6 GHz. Display diagonal: 39.6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR4-SDRAM. Total storage capacity: 256 GB, Storage media: SSD. On-board graphics card model: Intel® HD Graphics 530, Discrete graphics card model: AMD FirePro W5130M. Operating system installed: Windows 7 Professional. Product colour: Black

Design

Product type *	Mobile workstation
Product colour *	Black
Form factor *	Clamshell
Market positioning	Business

Display

Display diagonal *	39.6 cm (15.6")
Display resolution *	1366 x 768 pixels
Touch screen *	✘
HD type	Not supported
LED backlight	✔
Native aspect ratio	16:9
Dual-screen	✘

Processor

Processor manufacturer *	Intel
Processor generation	6th gen Intel® Core™ i5
Processor *	i5-6440HQ
Processor family *	Intel® Core™ i5
Processor frequency *	2.6 GHz
Processor boost frequency	3.5 GHz
Processor number of cores	4
Processor threads	4
System bus data transfer rate	8 GT/s
Processor cache	6 MB
Processor cache type	Smart Cache
Processor socket	BGA 1440
Processor lithography	14 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-6400 Mobile series

Software

Drivers included	✔
Operating system installed *	Windows 7 Professional

Processor special features

Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✔
Intel Anti-Theft Technology	✘
Intel® Smart Response Technology	✔
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✘
Intel Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✔
Enhanced Intel SpeedStep Technology	✔
Intel® Built-in Visuals Technology	✔
Intel HD Graphics	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel AES New Instructions	✔
Intel Trusted Execution Technology	✔
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘

Processor

Processor codename	Skylake
Bus type	DMI3
FSB Parity	✘
Stepping	R0
Thermal Design Power (TDP)	45 W
Configurable TDP-down	35 W
Tjunction	100 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	3.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
ECC supported by processor	✘

Memory

Internal memory *	8 GB
Internal memory type	DDR4-SDRAM
Memory clock speed	2133 MHz
Memory form factor	SO-DIMM
Memory layout (slots x size)	1 x 8 GB
Memory slots	2x SO-DIMM
Maximum internal memory *	8 GB

Storage

Total storage capacity *	256 GB
Storage media *	SSD
Solid-state drive capacity	1 GB
Solid-state drive interfaces	M.2
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD, SDHC, SDXC

Graphics

Discrete graphics card model *	AMD FirePro W5130M
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 530
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	950 MHz
Maximum on-board graphics card memory	1.7 GB
On-board graphics card DirectX version	12.0
On-board graphics card OpenGL version	4.4
On-board graphics card ID	0x191B
Discrete graphics card memory	2 GB
Discrete graphics memory type	GDDR5
Number of discrete graphics cards installed	1
Graphics card Open GL support	✔

Audio

Audio system	HD
Number of built-in speakers	2
Speaker power	2 W
Built-in microphone	✔

Camera

Front camera	✔

Network

Wi-Fi	✔

Processor special features

Intel® Secure Key	✔
Intel TSX-NI	✔
Intel Stable Image Platform Program (SIPP)	✔
Intel® OS Guard	✔
Intel Software Guard Extensions (Intel SGX)	✔
Intel Clear Video Technology for MID	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	42 x 28 mm
Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Processor code	SR2FS
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	14 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Smart Response Technology version	1.00
Intel Stable Image Platform Program (SIPP) version	1.00
Intel Secure Key Technology version	1.00
Intel Small Business Advantage (SBA) version	1.00
Intel TSX-NI version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✘
Intel FDI Technology	✘
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✘
Processor ARK ID	88962
Conflict-Free processor	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery performance	84 mAh
Battery voltage	11.4 V

Energy Management

AC adapter power	130 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output current	3.34 A
AC adapter output voltage	19.5 V

Security

Password protection	✔

Operational Conditions

Operating temperature range (T-T)	0 - 35 °C
Storage temperature range (T-T)	-40 - 65 °C
Operating relative humidity range	10 - 90%
Storage relative humidity range	5 - 95%
Operating altitude	0 - 3048 m
Non-operating altitude	0 - 10668 m

Network

Wi-Fi standards	Wi-Fi 5 (802.11ac)
Ethernet LAN connection	✔
Ethernet LAN data rates	10,100,1000 Mbit/s
Bluetooth	✔
Bluetooth version	4.1

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
Ethernet LAN (RJ-45) ports quantity	1
HDMI ports quantity *	1
HDMI version	1.4
DVI port	✘
VGA (D-Sub) ports quantity	1
Combo headphone/mic port	✔
Docking connector	✔
Charging port type	DC-in jack
USB Sleep-and-Charge	✔
USB Sleep-and-Charge ports	1

Keyboard

Pointing device	Touchpad
Numeric keypad *	✔
Full-size keyboard	✔
Windows keys	✔

Software

Operating system architecture	64-bit
Operating system language	Japanese

Weight & Dimensions

Width	377.1 mm
Depth	252.6 mm
Height	24.6 mm
Weight *	2.23 kg

Packaging Content

Manual	✔
Quick start guide	✔
Warranty card	✔
Power cord included	✔

Other features

AC adapter bundled	✔
LightScribe	✘
3D compatibility	✘
Maximum internal memory (64-bit)	8 GB
Intel segment tagging	Professional