



DELL Precision M4700 Intel® Core™ i7 i7-3840QM Laptop 39,6 cm (15.6") Full HD 8 GB DDR3-SDRAM 750 GB HDD NVIDIA® Quadro® K2000M Windows 7 Professional Black

Brand : DELL

Product family: Precision

Product code: 4700-7933

Product name : M4700

Intel Core i7-3840QM (2.8 GHz), 8GB DDR3 RAM, 750GB HDD, 15.6" FHD (1920x1080) LED, NVIDIA Quadro K2000M 2GB, Gigabit Ethernet, WLAN 802.11a/g/n, Bluetooth 4.0, DVD±RW, Windows 7 Professional 64-bit

DELL Precision M4700. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-3840QM, Processor frequency: 2,8 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 750 GB, Storage media: HDD, Optical drive type: DVD Super Multi DL. Operating system installed: Windows 7 Professional. Product colour: Black



Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Black	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Operating system installed *	Windows 7 Professional
Touchscreen *	✗	Processor special features	
HD type	Full HD	Intel® Wireless Display (Intel® WiDi)	✓
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	✓
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i7	Intel® Turbo Boost Technology	2.0
Processor generation	3rd gen Intel® Core™ i7	Intel® Small Business Advantage (Intel® SBA)	✗
Processor model *	i7-3840QM	Enhanced Intel SpeedStep Technology	✓
Processor cores	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor threads	8	Intel Clear Video Technology	✗
Processor boost frequency	3,8 GHz	Intel® InTru™ 3D Technology	✓
Processor frequency *	2,8 GHz	Intel® Insider™	✓
System bus rate	5 GT/s	Intel® Quick Sync Video Technology	✓
Processor cache	8 MB	Intel Flex Memory Access	✓
Processor cache type	Smart Cache		
Processor socket	PGA988		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i7-3800 Mobile Series		
Processor codename	Ivy Bridge		
Bus type	DMI		

Processor		Processor special features	
FSB Parity	✗	Intel® Smart Cache	✓
Stepping	E1	Intel® AES New Instructions (Intel® AES-NI)	✓
Thermal Design Power (TDP)	45 W	Intel Trusted Execution Technology	✓
Tjunction	105 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel Demand Based Switching	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Secure Key	✓
CPU multiplier (bus/core ratio)	28	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	8 GB	Idle States	✓
Internal memory type	DDR3-SDRAM	Thermal Monitoring Technologies	✓
Memory clock speed	1600 MHz	Processor package size	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1224)
Memory layout (slots x size)	2 x 4 GB	Supported instruction sets	AVX
Memory slots	4x SO-DIMM	Processor code	SR0UT
Maximum internal memory *	32 GB	CPU configuration (max)	1
Storage		Embedded options available	✗
Total storage capacity *	750 GB	Graphics & IMC lithography	22 nm
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1,00
HDD capacity	750 GB	Intel Secure Key Technology version	1,00
HDD interface	SATA	Intel Virtualization Technology (VT-x)	✓
HDD speed	7200 RPM	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD Super Multi DL	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Graphics		Intel Fast Memory Access	✓
Discrete graphics card model *	NVIDIA® Quadro® K2000M	Processor ARK ID	70846
Discrete graphics card memory	2 GB	Conflict-Free processor	✓
Discrete graphics memory type	GDDR3	Integrated 4G WiMAX	✓
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card family	Intel® HD Graphics	Number of battery cells	6
On-board graphics card model *	Intel® HD Graphics 4000	Battery capacity *	65 Wh
On-board graphics card base frequency	650 MHz	Power	
On-board graphics card dynamic frequency (max)	1300 MHz	AC adapter power	180 W
On-board graphics card ID	0x166	DC-in jack	✓
Audio		Security	
Number of built-in speakers	2	Cable lock slot	✗
Built-in microphone	✓	Trusted Platform Module (TPM)	✓
Network		Certificates	
Wi-Fi	✓	Compliance certificates	RoHS
Wi-Fi standards	802.11a, 802.11g, Wi-Fi 4 (802.11n)	Certification	BFR/PVC, CECP, CEC; EU, WEEE, GS Mark
Ethernet LAN	✓	Sustainability	
Ethernet LAN data rates	10,100,1000 Mbit/s	Sustainability certificates	ENERGY STAR
Bluetooth	✓	Weight & dimensions	
Bluetooth version	4.0	Width	378 mm
Cabling technology	10/100/1000Base-T(X)	Depth	256 mm
Ports & interfaces			
USB 2.0 ports quantity *	3		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
eSATA/USB 2.0 ports quantity	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		

Ports & interfaces		Weight & dimensions	
DVI port	×	Height (front)	3,27 cm
VGA (D-Sub) ports quantity	1	Height (rear)	3,65 cm
Firewire (IEEE 1394) ports	1	Weight *	2,87 kg
S/PDIF out port	×	Packaging content	
Microphone in	×	AC adapter included *	✓
Combo headphone/mic port	✓	Cables included	AC
Docking connector	✓	Manual	✓
ExpressCard slot	✓	Quick start guide	✓
CardBus PCMCIA slot type	×	Other features	
Performance		Maximum internal memory (64-bit)	32 GB
Motherboard chipset	Intel® QM77 Express		

Catalog Object Cloud



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