



**DELL Precision M4700 Intel® Core™ i7 i7-3840QM Mobiel
werkstation 39,6 cm (15.6") Full HD 8 GB DDR3-SDRAM 256 GB
SSD NVIDIA® Quadro® K2000M Windows 7 Professional Zwart,
Zilver**



Merk : DELL

Productfamilie: Precision

Artikelcode: 4700-0614

Productnaam : M4700

15.6" 1920 x 1080 px, 16:9, Intel Core i7-3840QM (8M Cache, up to 3.80 GHz), 2 x 4GB DDR3, 256GB SSD, DVD-ROM, Intel HD 4000, NVIDIA Quadro K2000M 2GB GDDR3, Gigabit Ethernet, 802.11n, Bluetooth 4.0, HD Webcam, 2 x USB 3.0, 3 x USB 2.0, eSATA/USB 2.0, D-Sub, DP, HDMI, 180 W, 2870 g, Zwart/Zilver, Windows 7 Professional 64-bit

DELL Precision M4700. Producttype: Mobiel werkstation, Vormfactor: Clamshell. Processorfamilie: Intel® Core™ i7, Processormodel: i7-3840QM, Frequentie van processor: 2,8 GHz. Beeldscherm diagonaal: 39,6 cm (15.6"), HD type: Full HD, Resolutie: 1920 x 1080 Pixels. Intern geheugen: 8 GB, Intern geheugentype: DDR3-SDRAM. Totale opslagcapaciteit: 256 GB, Opslagmedia: SSD, Soort optische drive: DVD-ROM. Inclusief besturingssysteem: Windows 7 Professional. Kleur van het product: Zwart, Zilver



Design		Toetsenbord	
Producttype *	Mobiel werkstation	Aanwijsapparaat	Touchpad
Kleur van het product *	Zwart, Zilver	Numeriek toetsenblok *	✓
Vormfactor *	Clamshell	Full-size toetsenbord	✓
Beeldscherm		Software	
Beeldscherm diagonaal *	39,6 cm (15.6")	Architectuur besturingssysteem	64-bit
Resolutie *	1920 x 1080 Pixels	Inclusief besturingssysteem *	Windows 7 Professional
Touchscreen *	✗	Processor speciale functies	
HD type	Full HD	Intel Wireless Display Technology	✓
LED backlight	✓	Intel My WiFi Technology	✓
Oorspronkelijke beeldverhouding	16:9	Intel Smart Connect Technology	✗
Processor		Intel Anti-Theft Technology	✓
Processorfabrikant *	Intel	Intel® Rapid Start Technology	✗
Processorfamilie *	Intel® Core™ i7	Intel® Smart Response Technology	✗
Processorgeneratie	De derde generatie Intel® Core™ i7	Intel Identity Protection Technology	✓
Processormodel *	i7-3840QM	Intel Hyper-Threading Technology	✓
Aantal processorkernen	4	Intel® Turbo Boost Technology	2.0
Processor aantal threads	8	Intel Small Business Advantage (SBA)	✗
Maximale turbofrequentie van processor	3,8 GHz	Intel Matrix Storage Technology	✗
Frequentie van processor *	2,8 GHz	Intel HD Audio Technology	✗
Systeembus	5 GT/s	Intel Active Management Technology	✗
Processor cache	8 MB	Enhanced Intel SpeedStep Technology	✓
Type processorgeheugen	Smart Cache	Intel Clear Video HD Technology	✓
Processor socket	PGA988	Intel® Clear Video-technologie	✗
Processor lithografie	22 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processorserie	Intel Core i7-3800 Mobile Series	Intel® Quick Sync Video Technology	✓
Codenaam processor	Ivy Bridge		
Bus type	DMI		
FSB Parity	✗		

Processor		Processor speciale functies	
Stepping	E1	Intel Flex Memory Access	✓
Thermal Design Power (TDP)	45 W	Intel® Smart Cache	✓
Tjunction	105 °C	Intel AES New Instructions	✓
Maximaal aantal PCI Express-lijnen	16	Intel Trusted Execution Technology	✓
PCI Express slots versie	3.0	Intel Enhanced Halt State	✓
PCI Express configuraties	1x16, 2x8, 1x8+2x4	Intel VT-x with Extended Page Tables (EPT)	✓
CPU multiplier (bus/core ratio)	28	Intel Demand Based Switching	✗
ECC ondersteund door processor	✗	Intel Secure Key	✓
Geheugen		Intel Clear Video Technology for MID	✗
Intern geheugen *	8 GB	Intel® 64	✓
Intern geheugentype	DDR3-SDRAM	Execute Disable Bit	✓
Kloksnelheid geheugen	1600 MHz	Idle States	✓
Geheugen form factor	SO-DIMM	Thermal Monitoring Technologies	✓
Geheugenlayout	2 x 4 GB	Verpakkingsgrootte processor	37.5 x 37.5 (rPGA988B); 31.0 x 24.0 (BGA1224)
Geheugenslots	4x SO-DIMM	Ondersteunde instructie sets	AVX
Maximum intern geheugen *	32 GB	Processorcode	SR0UT
Opslagmedia		CPU configuratie (max)	1
Totale opslagcapaciteit *	256 GB	Ingebouwde opties beschikbaar	✗
Opslagmedia *	SSD	Graphics & IMC lithografie	22 nm
Aantal geïnstalleerde SSD's	1	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Solid State Drive (SSD) capaciteit	256 GB	Versie Intel® Identity Protection Technology	1,00
Soort optische drive *	DVD-ROM	Versie Intel® Secure Key Technology	1,00
Geïntegreerde geheugenkaartlezer	✓	Intel® Virtualization Technology (VT-x)	✓
Grafisch		Intel Dual Display Capable Technology	✓
Discreet grafische adapter model *	NVIDIA® Quadro® K2000M	Intel FDI Technology	✓
Discreet grafische adaptergeheugen	2 GB	Intel Rapid Storage Technology	✗
Specifiek grafisch geheugentype	GDDR3	Intel Fast Memory Access	✓
Ingebouwde grafische adapter *	✓	ARK ID processor	70846
Aparte grafische adapter *	✓	Conflictvrije processor	✓
Familie ingebouwde grafische adapter	Intel® HD Graphics	Geïntegreerde 4G WiMAX	✓
On-board graphics adapter model *	Intel® HD Graphics 4000	Accu/Batterij	
Basisfrequentie ingebouwde grafische adapter	650 MHz	Energie-opslagtechnologie accu/batterij	Lithium-Ion (Li-Ion)
Graphics on-board -adapter dynamische frequentie (max)	1300 MHz	Aantal cellen in de batterij	6
On-board grafische adapter ID	0x166	Accu/Batterij capaciteit *	65 Wh
Audio		Energie	
Audiosysteem	HD	AC-adapter, vermogen	180 W
Aantal ingebouwde luidsprekers	2	Power auto-sensing	✓
Ingebouwde microfoon	✓	Aansluiting voor netstroomadapter	✓
Camera		Beveiliging	
Camera achterzijde	✗	Bevestigingsmogelijkheid voor kabelslot	✓
Netwerk		Trusted Platform Module (TPM)	✓
Wi-Fi	✓	Password bescherming	BIOS
Wi-Fi-standaarden	Wi-Fi 4 (802.11n)	Certificaten	
Ethernet LAN	✓	Certificaten van naleving	RoHS
Ethernet LAN, data-overdrachtsnelheden	10,100,1000 Mbit/s	Certificering	CECP, CEC, WEEE, GS
Bluetooth	✓	Duurzaamheid	
Bluetooth-versie	4.0	Duurzaamheidscertificaten	ENERGY STAR
Bekabelingstechnologie	10/100/1000Base-T(X)		
Netwerkstandaard	IEEE 802.11n, IEEE 802.3, IEEE 802.3ab, IEEE 802.3u		
Poorten & interfaces			
Aantal USB 2.0-poorten *	2		

Poorten & interfaces		Gewicht en omvang	
Aantal poorten USB 3.2 Gen 1 (3.1 Gen 1) Type A *	2	Breedte	376 mm
eSATA/USB 2.0 ports quantity	1	Diepte	256 mm
Aantal Ethernet LAN (RJ-45)-poorten	1	Hoogte (voorzijde)	3,27 cm
Aantal HDMI-poorten *	1	Hoogte (achterzijde)	3,65 cm
Aantal DisplayPorts	1	Gewicht *	2,87 kg
DVI-poort	✗	Inhoud van de verpakking	
VGA (D-Sub)poort(en)	1	Inclusief AC-adapter *	✓
Aantal IEEE 1394-/Firewire-poorten	1	Meegeleverde kabels	AC
S/PDIF-uitgang	✗	Gebruikershandleiding	✓
Microfoon, line-in ingang	✗	Snelstartgids	✓
Combo koptelefoon/microfoon port	✓	Overige specificaties	
Basisstationaansluiting	✓	LightScribe	✗
ExpressCard slot	✓	3D-compatibiliteit	✗
Type CardBus PCMCIA-slot	✗	Draaibare webcam	✗
Prestatie			
Chipset moederbord	Intel® QM77 Express		



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