

Lenovo IdeaPad G710 Intel® Core™ i7 i7-4702MQ Hoyтбук 43,9 см (17.3") HD+ 8 GB DDR3-SDRAM 500 GB HDD NVIDIA® GeForce® 820M Windows 8.1 Черен

Марка: Lenovo **Семейство продукти: Продуктов код:** 59424188

IdeaPad

Модел: G710

Lenovo IdeaPad G710. Тип на продукта: Ноутбук, Типоразмер: Мида. Семейство на процесора: Intel® $Core^{™}$ i7, Модел процесор: i7-4702MQ, Честота на копроцесора: 2,2 GHz. Диагонал на дисплея: 43,9 см (17.3"), HD тип: HD+, Резолюция на дисплея: 1600 x 900 пиксела. Оперативна памет: 8 GB, Тип вътрешна памет: DDR3-SDRAM. Пълен обем на паметта: 500 GB, Носител за съхранение: HDD, Тип на оптичното устройство: DVD Super Multi DL. Инсталирана операционна система: Windows 8.1. Цвят на продукта: Черен





Design		Ports & interfaces	
Product type *	Laptop	Docking connector	×
Product colour *	Black	ExpressCard slot	×
Form factor *	Clamshell	CardBus PCMCIA slot type	×
Display		SmartCard slot	×
Display diagonal *	43.9 cm (17.3")	Keyboard	
Display resolution *	1600 x 900 pixels	Pointing device	Touchpad
Touchscreen *	×	Numeric keypad *	✓
HD type	HD+	••	
Native aspect ratio	16:9	Windows keys	•
Display surface	Gloss	Software	
Processor		Operating system architecture	64-bit
Processor manufacturer *	Intel	Operating system installed *	Windows 8.1
Processor family *	Intel® Core™ i7	Processor special features	
Processor generation	4th gen Intel® Core™ i7	Intel® Wireless Display (Intel®	✓
Processor model *	i7-4702MQ	WiDi)	
Processor cores	4	Intel® My WiFi Technology (Intel® MWT)	✓
Processor threads	8 3.2 GHz	Intel® Anti-Theft Technology	_
Processor boost frequency Processor frequency *	3.2 GHz 2.2 GHz	(Intel® AT)	•
Processor requericy Processor cache	6 MB	Intel® Identity Protection	✓
Processor cache type	Smart Cache	Technology (Intel® IPT)	
Processor socket	PGA946	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor lithography	22 nm	Intel® Turbo Boost Technology	2.0
Processor operating modes	64-bit	Enhanced Intel SpeedStep	/
Processor series	Intel Core i7-4700 Mobile series	Technology	•
Processor codename	Haswell	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Bus type	DMI2	Intel Clear Video Technology	×
FSB Parity	×	.	
Stepping	C0	Intel® InTru™ 3D Technology	V
Thermal Design Power (TDP)	37 W	Intel® Insider™	/
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	16	Intel Flex Memory Access	X
PCI Express slots version	3.0	Intel® Smart Cache	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® AES New Instructions (Intel® AES-NI)	✓
ECC supported by processor	×	Intel Trusted Execution Technology	x
		• • • • • • • • • • • • • • • • • • • •	

Memory		Processor special features	
Internal memory *	8 GB	Intel Enhanced Halt State	✓
Internal memory type	DDR3-SDRAM	Intel VT-x with Extended Page	✓
Memory clock speed	1600 MHz	Tables (EPT)	
Memory form factor	SO-DIMM	Intel Demand Based Switching	X
Storage		Intel® Secure Key	✓
Total storage capacity *	500 GB	Intel TSX-NI	×
Storage media *	HDD	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT	×
HDD speed Optical drive type *	5400 RPM	for MID)	
Card reader integrated	DVD Super Multi DL	Intel 64	✓
Compatible memory cards	MMC, SD	Execute Disable Bit	✓
,	MMC, 3D	Idle States	✓
Graphics		Thermal Monitoring Technologies	✓
Discrete graphics card model *	NVIDIA® GeForce® 820M	Processor package size	37.5 x 32 x 1.6 mm
Discrete graphics card memory	2 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
On-board graphics card *	✓	Processor code	SR15J
Discrete graphics card *	✓	CPU configuration (max)	1
On-board graphics card family	Intel® HD Graphics	Embedded options available	×
On-board graphics card model * On-board graphics card base	Intel® HD Graphics 4600 400 MHz	Intel Virtualization Technology for Directed I/O (VT-d)	×
frequency On-board graphics card dynamic	1150 MHz	Intel Identity Protection Technology version	1.00
frequency (max) Maximum on-board graphics card		Intel Secure Key Technology version	
memory	1.74 GB	Intel TSX-NI version Intel Virtualization Technology (VT-	0.00
On-board graphics card DirectX version	11.1	x)	✓
On-board graphics card ID	0x416	Intel Dual Display Capable Technology	×
Audio		Intel FDI Technology	✓
Built-in microphone	✓	Intel Rapid Storage Technology	×
Camera		Intel Fast Memory Access	×
Front camera	/	Processor ARK ID	75119
Front camera resolution (numeric)	1 MP	Conflict-Free processor	/
` '	2.00	Battery	
Network		Battery technology	Lithium-lon (Li-lon)
Wi-Fi	✓	Number of battery cells	6
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Battery life (max)	5 h
Ethernet LAN Ethernet LAN data rates	✓ 10,100 Mbit/s	Power	
Bluetooth	10,100 MDIt/S ✓	DC-in jack	✓
Bluetooth version	4.0	Security	
Ports & interfaces		Cable lock slot	×
USB 2.0 ports quantity *	2	Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Width	418 mm
Ethernet LAN (RJ-45) ports	1	Depth	278 mm
HDMI ports quantity *	1	Height	36.8 mm
DVI port	×	Weight *	2.9 kg
VGA (D-Sub) ports quantity	1	Other features	
Headphone outputs		LightScribe	×
Headphone outputs	1	Lightsenbe	^
S/PDIF out port	×	Lightsenibe	

