Laptop - Clevo P375SM v.2

Category:	CLEVO Powerful Notebooks
Manufacturer:	Clevo
WAN:	No
WLAN:	Yes - 802.11 b/g/n (Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo Half Mini Card module)
Bluetooth:	Yes - 4.0
Processor:	**Intel® Core™ i7-4800MQ Processor (2.7Ghz - 3.7Ghz / 6M Cache)**
Memory:	16GB (2x8GB) KINGSTON HyperX 1600 MHz DDR3 CL9
Chipset:	Mobile Intel® HM87 Express Chipset
Dispaly:	17.3'' FHD/ MATT (1920*1080) 16:9 Widescreen Notebook
Graphics card:	**2 x (Crossfire) - ATI AMD Neptune XT HD 8970M 4096MB GDDR5 RAM**
Touch screen:	No
Swivel Hinge:	No
Hard Drive:	1 x -750GB SEAGATE MOMENTUS 2,5' 7200/16MB Cache / 1 x - Adata SSD XPG SX300 128GB mSATA3 (Read/Write: 550/505 MB/sec.)
BIOS:	-----
VGA out:	Yes - HDMI 1.4a , Display Port 1.2
LAN:	Yes - 10/100/1000Mb Base-TX Ethernet LAN

Camera:	Yes - Dual Camera 5.0Mpx / 1.0Mpx HD Video Camera
Audio:	Yes - High Definition Audio / SPDIF digital output / Built in microphone / Built in two 2W speakers / Built in one subwoofer speaker / SOUND BLASTER® X-FI® MB3 / External 7.1CH audio output supported by headphone, microphone, Line-in, an
Audio:	Yes - High Definition Audio / SPDIF digital output / Built in microphone / Built in two 2W speakers / Built in one subwoofer speaker / SOUND BLASTER® X-FI® MB3 / External 7.1CH audio output supported by headphone, microphone, Line-in, an
Seciurity:	Yes - Fingerprint / Kensington® Lock / TPM1.2
TV Out:	HDMI + Display Port
In/Out:	**1 x Thunderbolt** / 1 x HDMI 1.4a (with HDCP) / 4 x USB 3.0 ports (1 x powered USB port, AC/DC) / 1 x eSATA (USB 3.0 combo) / 1 x RJ-45 LAN (10/100/1000Mbps) / 1 x Microphone Jack / 1 x Headphone Jack / 1 x Line-In Jack / 1 x SPDIF output
In/Out:	**1 x Thunderbolt** / 1 x HDMI 1.4a (with HDCP) / 4 x USB 3.0 ports (1 x powered USB port, AC/DC) / 1 x eSATA (USB 3.0 combo) / 1 x RJ-45 LAN (10/100/1000Mbps) / 1 x Microphone Jack / 1 x Headphone Jack / 1 x Line-In Jack / 1 x SPDIF output
Keyboard:	Tak - QWERTY (Multi languages illuminated full size keyboard with numeric pad / Built in illuminated touch pad with multi-gesture and scrolling function / W/A/S/D gaming key)
Additional Navigation Devices :	Yes - illuminated touch pad with multi-gesture and scrolling functio
Battery:	Lithium-Ion 8 cell 89.21WH
Working time on battery:	260min depends of version
Size:	419(W) x 295(D) x 42~54.8 (H) mm / 4.2Kg, including single VGA card, ODD and 89.21WH battery
CD/DVD:	**BluRay Reader**
Operating System:	No
Flash Card Reader:	9-in-1 (MMC/RSMMC/SD/miniSD/SDHC/SDXC/MS/MS Pro/MS Duo)
GPS:	-----
TV Tuner:	-----
Color:	Czarny

Product from the Archive - production finished

Founded in 1983, the company has achieved an excellent reputation Clevo as a manufacturer of notebook computers. Due to the high position of the products in the high-tech has won many awards in tests conducted around the world.

Dedicated to the most demanding users

P375SM a laptop dedicated to solutions that require the highest dose and comfort. Rubberized elements and modern design complete with incredible performance puts Clevo P375SM in first place in the ranking of laptops in the world.

Clevo P375M v.2

Processor	**i7-4800MQ (4x 2,7GHz do 3.7GHz - 6MB - DDR3 1600MHz)**
Memory	16GB (2x8GB) KINGSTON HyperX 1600 MHz DDR3 CL9
HDD	750GB SEAGATE MOMENTUS 2,5' 7200/16MB Cache
	Adata SSD XPG SX300 128GB mSATA3 (Read/Write: 550/505 MB/sec.)
Graphics	**2x (Crossfire) - ATI AMD Neptune XT HD 8970M 4096MB GDDR5 RAM**
Display	17.3" FHD Matte (1920 x 1080) 16:9 Widescreen
Communication	Wireless LAN 802.11B/G/N + Bluetooth v4.0+LE Combo Half Mini Card
Optical Drive	BluRay Reader
Other	Dual Camera 5Mpx / 2Mpx
	The detailed specification of the configuration available in the **"Technical data"**

If none of the available configuration does not interest you, you can always suggest your **option components**. Submit your suggestion using the contact form - up to 2 working days you will receive a valuation of the desired configuration. Remember to carefully specify each parameter and accessories.

Each purchaser of a Clevo barebone has the opportunity to buy their **own** components (CPU, RAM, disk). In this case, keep in mind that parts must be in full working order. Purchased parts to be sent to the headquarters of the NPD in order to verify the correct installation and operation.

## Fourth generation Intel® Core™ i7

Intel Core 4th generation, the engineers placed emphasis on optimal power management. Less energy means good things - longer battery life and thinner casing.

Model	C/T	Frequency	Max. Frequency	L3 cache	Max. GPU	TDP
i7-4700MQ	4 / 8	2.4 GHz	3.4 GHz	6 MB	1.15 GHz	47 Wat
i7-4800MQ	4 / 8	2.7 GHz	3.7 GHz	6 MB	1.3 GHz	47 Wat
i7-4900MQ	4 / 8	2.8 GHz	3.8 GHz	8 MB	1.3 GHz	47 Wat
i7-4930MX	4 / 8	3 GHz	3.9 GHz	8 MB	1.35 GHz	57 Wat

In the new edition CLEVO P375SM engineers designed a dual graphics card NVIDIA GeForce GTX 780M or AMD ATI Radeon 8970M high performance working in SLI or Crossfire.
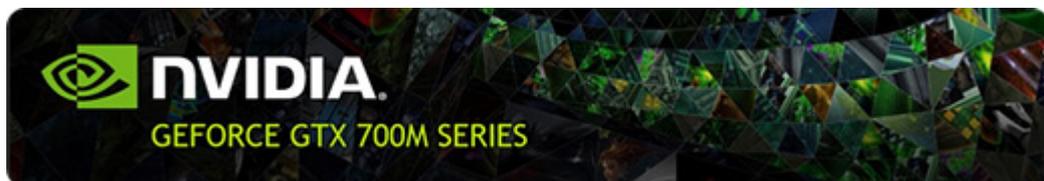
A new generation of NVIDIA ® GeForce ® GTX in SLI

NVIDIA GeForce ® GTX 780M is currently the fastest graphics chip designed for laptops based on the award-winning architecture of NVIDIA ® Kepler ™. The system has more clocks and cores than ever before, thanks to crush the competition in every respect. Graphics card has a core frequency of 823 MHz Boost technology 2.0 and GDDR5 memory with a capacity of 8GB.

	NVIDIA GeForce GTX 780M (SLI)	NVIDIA GeForce GTX 765M (SLI)
Codename	N14E-GTX	N14E-GGE-B
Cores	3072	1536
Clock	823 MHz	850 MHz
Memory	2x - 4096 MB GDDR5	2x - 2048 MB GDDR5
Memory Speed	1250 MHz	1000 MHz

AMD® Radeon Crossfire™
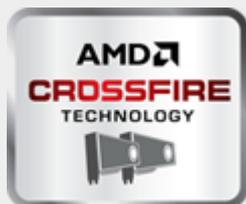
Radeon® HD 8970M Crossfire™

The new Radeon HD 8970M is based on the GCN architecture and is manufactured in 28-nanometer process. He works at a frequency of 850-900 MHz and has 2 GB of dedicated GDDR5 memory clocked at 1200 MHz effective. The processor supports DirectX 11.1 and Enduro, which allows to optimize the battery life of the notebook.

Flexible storage

P375SM can support a total of four drives at the same time. This makes it possible to easily expand without having to move data from the old disk to the new one. If you start running out of space on your hard drive is enough that you will use just another. Clevo Laptop P375SM to mount two mSATA drive on which you can install the system and frequently used applications. This approach leads to a super-fast operation of your computer. The speed of operations carried out applications installed on the mSATA drives can increase up to 30%.

RAID 0 allows you to hook up physical drives into a single logical which allows for better use of space. With RAID 1, your data will be safer because a disk is an exact copy of the other. If one drive fails all data is still available on the other. RAID 1 is almost twice as fast as reading data from the disk.

Thunderbolt Technology

Thunderbolt I/O technology gives you two channels on the same connector with 10 Gbps of throughput in both directions. That makes Thunderbolt ultrafast and ultraflexible. You can move data to and from peripherals up to 20 times faster than with USB 2.0 and up to 12 times faster than with FireWire 800. You also have more than enough bandwidth to daisy-chain multiple high-speed devices without using a hub or switch. For example, you can connect several high-performance external disks, a video capture device, and even a display to a single Thunderbolt chain while maintaining maximum throughput.
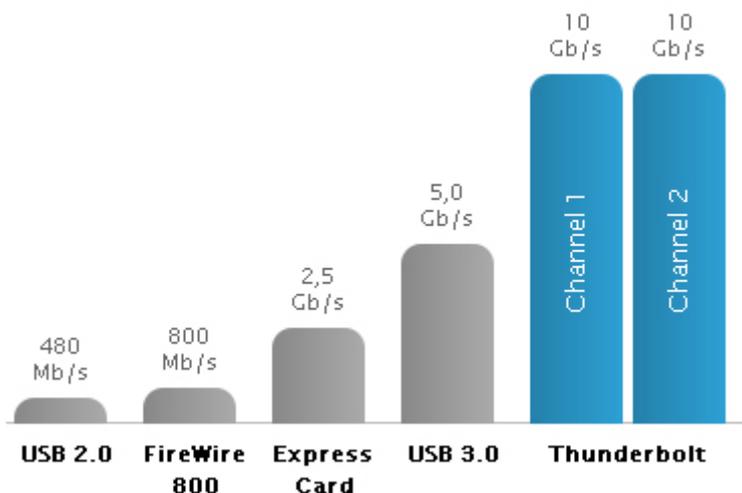
Advanced illumination

The backlight keyboard and touchpad LED is a feature that not only beautifies Clevo P375SM, but also makes it easier to write when the light in the environment is weak. The color and intensity of illumination can be adjusted to your needs. Highlighting three-zone which allows for the keyboard backlight in areas that are in use, and put it out there where it is unnecessary for example, the numeric keypad.

Powerful storage capacity

Performance of your computer will never again let you down by technology, dual-channel RAM. Sharing channels reduces data latency and increase memory bandwidth to satisfy most storage-hungry applications. With up to 32GB system memory always cope with the number of assigned tasks in parallel. Producer allows you to mount four SODIMM memory chips DDR3/DDR3L.

CLEVO company to meet the needs of users applied in a laptop P375SM easy access to system components. In this way without any problems replacing the drive for greater efficiency will increase bone RAM or just clean the laptop with a residual dust.

Sound Blaster X-Fi MB3
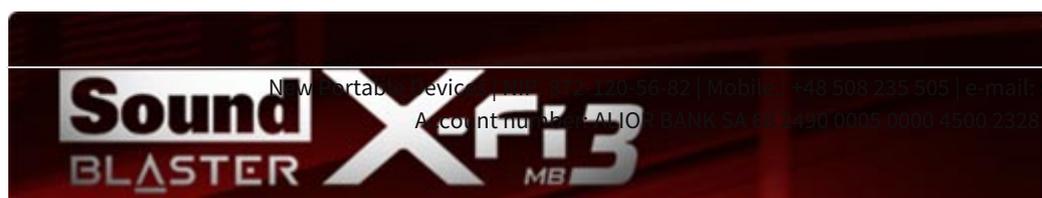
1. Illuminated Power Button

2. Speakers

3. 2.0M FHD Video Camera

4. Integrated Microphone

5. LED Status Indicators

6. Illuminated Keyboard

7. Illuminated Touchpad

8. Fingerprint Reader

1. Battery Pack

2. Battery Lock Latch

3. Baterry Release Latch

4. Primary & 2nd Hard Drives

5. Sub-Woofer

6. CPU, GPU, Pamięć, WiFi, mSata

7. GPU Cooling Fans

8. CPU Cooling Fans

1. Optical Device Bay

2. 2x - USB 3.0

3. E-SATA Port (USB 3.0 Combo)

4. Thunderbolt Port

1. Kensington Lock

2. RJ-45 LAN Port (Gigabit)

3. 9-in-1 Card Reader

4. Line-in Jack

5. S/PDIF - Out Jack

6. Microphone - In Jack

7. Headphone - Out Jack

1. Frontal 5.0M FHD Video Camera

2. Airplane Mode, Touchpad On/Off, Power and Battery Charge Status Indicators
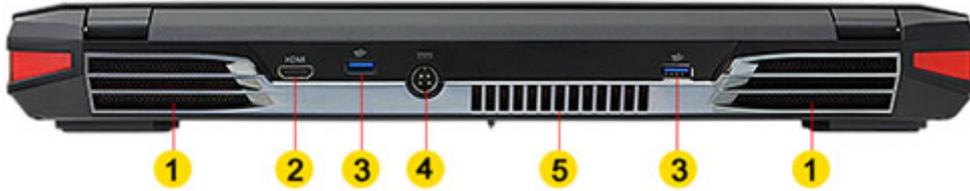
1. GPU Vents

2. HDMI 1.4a Output Jack

3. USB 3.0 Ports

4. DC-In Jack

5. CPU Vent