

MEDION AKOYA S4613 Intel® Core™ i7 i7-3537U Laptop 35.6 cm (14") HD 8 GB DDR3-SDRAM 1.03 TB HDD+SSD NVIDIA® GeForce® GT 630M Windows 8 Metallic

Brand : MEDION

Product code: 30015666

Product name : AKOYA S4613

MEDION AKOYA S4613. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor: i7-3537U, Processor frequency: 2 GHz. Display diagonal: 35.6 cm (14"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 1.03 TB, Storage media: HDD+SSD. Mobile network generation: 4G. Operating system installed: Windows 8. Product colour: Metallic



Design		Ports & interfaces	
Product type *	Laptop	SmartCard slot	✗
Product colour *	Metallic	Performance	
Form factor *	Clamshell	Motherboard chipset	Intel HM77 Express
Display		Keyboard	
Display diagonal *	35.6 cm (14")	Numeric keypad *	✗
Display resolution *	1366 x 768 pixels	Windows keys	✓
Touch screen *	✗	Keyboard layout	QWERTY
HD type	HD	Software	
LED backlight	✓	Operating system architecture	64-bit
Native aspect ratio	16:9	Operating system installed *	Windows 8
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi) Technology	✓
Processor family *	Intel® Core™ i7	Intel My WiFi Technology	✓
Processor generation	3rd gen Intel® Core™ i7	Intel Smart Connect Technology	✗
Processor *	i7-3537U	Intel Anti-Theft Technology	✓
Processor number of cores	2	Intel® Rapid Start Technology	✗
Processor threads	4	Intel® Smart Response Technology	✗
Processor boost frequency	3.1 GHz	Intel Identity Protection Technology	✓
Processor frequency *	2 GHz	Intel Hyper-Threading Technology	✓
System bus data transfer rate	5 GT/s	Intel Turbo Boost Technology	2.0
Processor cache	4 MB	Intel® Small Business Advantage (Intel® SBA)	✗
Processor cache type	Smart Cache	Intel Matrix Storage Technology	✗
Processor socket	BGA 1023	Intel HD Audio Technology	✗
Processor lithography	22 nm	Intel Active Management Technology	✗
Processor operating modes	64-bit	Enhanced Intel SpeedStep Technology	✓
Processor series	Intel Core i7-3500 Mobile series	Intel Clear Video HD Technology	✓
Processor codename	Ivy Bridge	Intel Clear Video Technology	✗
Bus type	DMI	Intel® InTru™ 3D Technology	✓
FSB Parity	✗	Intel® Insider™	✓
Stepping	L1		
Thermal Design Power (TDP)	17 W		
Tjunction	105 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	1x8, 1x16, 2x4, 2x8	Intel® Quick Sync Video Technology	✓
CPU multiplier (bus/core ratio)	20	Intel Flex Memory Access	✓
ECC supported by processor	✗	Intel® Smart Cache	✓
Memory		Intel AES New Instructions	✓
Internal memory *	8 GB	Intel Trusted Execution Technology	✗
Internal memory type	DDR3-SDRAM	Intel Enhanced Halt State	✓
Memory clock speed	1333 MHz	Intel VT-x with Extended Page Tables (EPT)	✓
Memory slots	2x SO-DIMM	Intel Demand Based Switching	✗
Storage		Intel® Secure Key	✓
Total storage capacity *	1.03 TB	Intel Clear Video Technology for MID	✗
Storage media *	HDD+SSD	Intel 64	✓
Hard drive capacity	1 GB	Execute Disable Bit	✓
Optical drive type *	DVD Super Multi DL	Idle States	✓
Card reader integrated	✓	Thermal Monitoring Technologies	✓
Compatible memory cards	MMC, MS PRO, SD, SDHC, SDXC	Processor package size	31 x 24 (BGA1023)
Graphics		Supported instruction sets	AVX
Discrete graphics card model *	NVIDIA® GeForce® GT 630M	Processor code	SR0XG
Discrete graphics memory type	GDDR3	CPU configuration (max)	1
On-board graphics card *	✓	Embedded options available	✗
Discrete graphics card *	✓	Graphics & IMC lithography	22 nm
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology for Directed I/O (VT-d)	✓
On-board graphics card model *	Intel® HD Graphics 4000	Intel Identity Protection Technology version	1.00
On-board graphics card base frequency	350 MHz	Intel Secure Key Technology version	1.00
On-board graphics card dynamic frequency (max)	1200 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card ID	0x166	Intel Dual Display Capable Technology	✓
Audio		Intel FDI Technology	✓
Audio system	Dolby Home Theater v4, High Definition Audio	Intel Rapid Storage Technology	✗
Number of built-in speakers	2	Intel Fast Memory Access	✓
Built-in microphone	✓	Processor ARK ID	72054
Camera		Conflict-Free processor	✓
Front camera	✓	Integrated 4G WiMAX	✓
Front camera resolution (numeric)	1.3 MP	Battery	
Front camera resolution	1280 x 1024 pixels	Number of battery cells	4
Network		Battery performance	2600 mAh
Mobile network generation	4G	Energy Management	
4G standard	WiMAX	AC adapter power	65 W
Wi-Fi	✓	DC-in jack	✓
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Security	
Mobile network connection *	✓	Cable lock slot	✓
Ethernet LAN connection	✓	Cable lock slot type	Kensington
Ethernet LAN data rates	10,100,1000 Mbit/s	Weight & Dimensions	
Bluetooth	✓	Width	338 mm
Bluetooth version	4.0	Depth	241.8 mm
4G WiMAX	✓	Height	21 mm
Ports & interfaces		Weight *	1.9 kg
USB 2.0 ports quantity *	2	Technical Details	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Display type	LED
Ethernet LAN (RJ-45) ports quantity	1	Other features	
HDMI ports quantity *	1	LightScribe	✗
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		

Ports & interfaces

S/PDIF out port	✗
Microphone in	✓
Docking connector	✗
ExpressCard slot	✗



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