

MEDION AKOYA P6659 Intel® Core™ i7 i7-6500U Laptop 39,6 cm (15.6") Full HD 8 GB 1,13 TB HDD+SSD NVIDIA® GeForce® 930M Windows 10 Home Grey



Brand : MEDION

Product family: AKOYA

Article code: 30020346A1

Product name : P6659

MEDION AKOYA P6659. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i7, Processor model: i7-6500U, Processor frequency: 2,5 GHz. Display diagonal: 39,6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB. Total storage capacity: 1,13 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product color: Grey

Design		Ports & interfaces	
Product type *	Laptop	HDMI ports quantity *	1
Product color *	Grey	DVI port	✗
Form factor *	Clamshell	VGA (D-Sub) ports quantity	1
Display		Combo headphone/mic port	✓
Display diagonal *	39,6 cm (15.6")	Docking connector	✗
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Numeric keypad *	✓
HD type	Full HD	Software	
LED backlight	✓	Operating system installed *	Windows 10 Home
Native aspect ratio	16:9	Processor special features	
Processor		Intel® Wireless Display (Intel® WiDi)	✓
Processor manufacturer *	Intel	Intel® My WiFi Technology (Intel® MWT)	✓
Processor family *	Intel® Core™ i7	Intel® Smart Response Technology	✓
Processor generation	6th gen Intel® Core™ i7	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i7-6500U	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	2	Intel® Turbo Boost Technology	2.0
Processor threads	4	Intel® Small Business Advantage (Intel® SBA)	✓
Processor boost frequency	3,1 GHz	Enhanced Intel SpeedStep Technology	✓
Processor frequency *	2,5 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
System bus rate	4 GT/s	Intel Clear Video Technology	✓
Processor cache	4 MB	Intel® InTru™ 3D Technology	✓
Processor cache type	Smart Cache	Intel® Insider™	✓
Processor socket	LGA 1356 (Socket B2)	Intel® Quick Sync Video Technology	✓
Processor lithography	14 nm	Intel Flex Memory Access	✓
Processor operating modes	64-bit	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor series	Intel Core i7-6500 Mobile series	Intel Trusted Execution Technology	✗
Processor codename	Skylake		
Bus type	OPI		
Stepping	D1		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	2,6 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	7,5 W		
Configurable TDP-down frequency	0,8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Enhanced Halt State	✓
Maximum number of PCI Express lanes	12	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x4, 4x1	Intel TSX-NI	✗
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Total storage capacity *	1,13 TB	Intel 64	✓
Storage media *	HDD+SSD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✓
Number of SSDs installed	1	Processor package size	42 X 24 mm
SSD capacity	128 GB	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Optical drive type *	DVD Super Multi DL	Processor code	SR2EZ
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	SD, SDHC, SDXC	Embedded options available	✗
Graphics		Graphics & IMC lithography	14 nm
Discrete graphics card model *	NVIDIA® GeForce® 930M	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR3	Intel Smart Response Technology version	1,00
On-board graphics card *	✓	Intel Stable Image Platform Program (SIPP) version	0,00
Discrete graphics card *	✓	Intel Secure Key Technology version	1,00
On-board graphics card family	Intel® HD Graphics	Intel Small Business Advantage (SBA) version	1,00
On-board graphics card model *	Intel® HD Graphics 520	Intel TSX-NI version	1,00
On-board graphics card base frequency	300 MHz	Intel Virtualization Technology (VT-x)	✓
On-board graphics card dynamic frequency (max)	1050 MHz	Processor ARK ID	88194
Maximum on-board graphics card memory	1,74 GB	Conflict-Free processor	✓
On-board graphics card DirectX version	12.0	Battery	
On-board graphics card OpenGL version	4.4	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card ID	1916	Number of battery cells	4
Audio		Battery life (max)	4 h
Number of built-in speakers	2	Power	
Built-in microphone	✓	DC-in jack	✓
Camera		Weight & dimensions	
Front camera	✓	Width	380 mm
Network		Depth	260 mm
Wi-Fi	✓	Height	25 mm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight *	2,27 kg
Ethernet LAN	✓	Packaging content	
Ethernet LAN data rates	10,100,1000 Mbit/s	AC adapter included *	✓
Bluetooth	✓	Quick start guide	✓
Bluetooth version	4.0	Warranty card	✓
Ports & interfaces			
USB 2.0 ports quantity *	2		
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports	1		

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