

ASUS K570UD-DM276T laptop Intel® Core™ i5 i5-8250U 39.6 cm (15.6") Full HD 8 GB DDR4-SDRAM 256 GB SSD NVIDIA® GeForce® GTX 1050 Wi-Fi 5 (802.11ac) Windows 10 Home Black



Brand : ASUS

Product code: K570UD-DM276T

Product name : K570UD-DM276T

Intel Core i5-8250U (1.6GHz, 6M Cache), 8GB RAM, 256GB SSD, Intel UHD Graphics 620 + NVIDIA GeForce GTX 1050, Ethernet, WLAN 802.11, WebCam, Windows 10

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Productivity and entertainment, everyday

K570 is a slim and lightweight high-performance laptop that's powered by the latest generation Intel® Core™ processor. It delivers stunning visuals thanks to a 4K UHD display with 100% sRGB color gamut and high-quality NVIDIA® GeForce® GTX 1050 gaming-grade graphics. On top of that, it boasts a dual-storage design that combines the fast data speeds of a 512GB SSD with the large capacities of a 2TB HDD.

Design		Ports & interfaces	
Product type *	Laptop	Docking connector	✗
Product colour *	Black	Keyboard	
Form factor *	Clamshell	Pointing device	Touchpad
Display		Numeric keypad *	✓
Display diagonal *	39.6 cm (15.6")	Full-size keyboard	✓
Display resolution *	1920 x 1080 pixels	Windows keys	✓
Touchscreen *	✗	Software	
HD type	Full HD	Operating system installed *	Windows 10 Home
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel My WiFi Technology	✓
Display surface	Matt	Intel® Smart Response Technology	✓
Processor		Intel Identity Protection Technology	✓
Processor manufacturer *	Intel	Intel Hyper-Threading Technology	✓
Processor family *	Intel® Core™ i5	Intel Turbo Boost Technology	2.0
Processor generation	8th gen Intel® Core™ i5	Enhanced Intel SpeedStep Technology	✓
Processor *	i5-8250U	Intel Clear Video HD Technology	✓
Processor number of cores	4	Intel Clear Video Technology	✓
Processor threads	8	Intel® InTru™ 3D Technology	✓
Processor boost frequency	3.4 GHz	Intel® Quick Sync Video Technology	✓
Processor frequency *	1.6 GHz	Intel Flex Memory Access	✓
System bus data transfer rate	4 GT/s	Intel AES New Instructions	✓
Processor cache	6 MB	Intel Trusted Execution Technology	✗
Processor cache type	Smart Cache	Intel Enhanced Halt State	✓
Processor socket	BGA 1356	Intel VT-x with Extended Page Tables (EPT)	✓
Processor lithography	14 nm	Intel® Secure Key	✓
Processor operating modes	64-bit	Intel TSX-NI	✗
Processor codename	Kaby Lake R	Intel Stable Image Platform Program (SIPP)	✗
Bus type	OPI	Intel® OS Guard	✓
Stepping	Y0		
Thermal Design Power (TDP)	15 W		
Configurable TDP-up frequency	1.8 GHz		
Configurable TDP-up	25 W		
Configurable TDP-down	10 W		
Configurable TDP-down frequency	0.8 GHz		

Processor		Processor special features	
Tjunction	100 °C	Intel Software Guard Extensions (Intel SGX)	✓
Maximum number of PCI Express lanes	12	Intel Clear Video Technology for MID	✓
PCI Express slots version	3.0	Intel 64	✓
PCI Express configurations	1x2+2x1, 1x4, 2x2, 4x1	Execute Disable Bit	✓
ECC supported by processor	✗	Idle States	✓
Memory		Thermal Monitoring Technologies	✓
Internal memory *	8 GB	Processor package size	42 x 24 mm
Internal memory type	DDR4-SDRAM	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Memory clock speed	2400 MHz	Processor code	SR3LA
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Memory, maximum *	16 GB	Embedded options available	✗
Storage		Intel Virtualization Technology for Directed I/O (VT-d)	✓
Total storage capacity *	256 GB	Intel Identity Protection Technology version	1.00
Storage media *	SSD	Intel Smart Response Technology version	1.00
Number of SSDs installed	1	Intel Stable Image Platform Program (SIPP) version	0.00
Solid-state drive capacity	256 GB	Intel Secure Key Technology version	1.00
Card reader integrated	✓	Intel TSX-NI version	0.00
Compatible memory cards	MicroSD (TransFlash)	Intel Virtualization Technology (VT-x)	✓
Graphics		Processor ARK ID	124967
Discrete graphics card model *	NVIDIA® GeForce® GTX 1050	Conflict-Free processor	✓
Discrete graphics memory type	GDDR5	Battery	
On-board graphics card *	✓	Number of battery cells	3
Discrete graphics card *	✓	Battery capacity *	48 Wh
On-board graphics card family	Intel® UHD Graphics	Battery life (max)	10 h
On-board graphics card model *	Intel® UHD Graphics 620	Power	
On-board graphics card base frequency	300 MHz	AC adapter power	120 W
On-board graphics card dynamic frequency (max)	1100 MHz	AC adapter frequency	50 - 60 Hz
Maximum on-board graphics card memory	32 GB	AC adapter input voltage	100 - 240 V
On-board graphics card DirectX version	12.0	AC adapter output current	6.3 A
On-board graphics card OpenGL version	4.4	AC adapter output voltage	19 V
On-board graphics card ID	0x5917	DC-in jack	✓
Audio		Security	
Audio system	SonicMaster	Trusted Platform Module (TPM)	✓
Speaker power	2 W	Password protection	✓
Built-in microphone	✓	Password protection type	BIOS, User
Camera		Certificates	
Front camera	✓	Compliance certificates	RoHS
Network		Certification	UL, MIC, CE Marking Compliance, FCC Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CCC, GOST-R, CB, Energy star, IDA, WEEE, Erp 2013, RoHS, JATE
Wi-Fi	✓	Sustainability	
Top Wi-Fi standard *	Wi-Fi 5 (802.11ac)	Sustainability certificates	ENERGY STAR
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Weight & dimensions	
Ethernet LAN connection	✓	Width	374.6 mm
Ethernet LAN data rates	10,100,1000 Mbit/s	Depth	256 mm
Ports & interfaces		Height	21.9 mm
USB 2.0 ports quantity *	2	Weight *	1.9 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1	AC adapter included *	✓
Ethernet LAN (RJ-45) ports	1	Manual	✓
HDMI ports quantity *	1		

Ports & interfaces

DVI port	✗
Combo headphone/mic port	✓

Catalog Object Cloud



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