



Acer Aspire E E5-574G-54Y2 Laptop 39.6 cm (15.6") Full HD Intel® Core™ i5 i5-6200U 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® 940M Windows 10 Home Grey



Brand : Acer

Product family: Aspire

Product code: NX.G3HAA.001

Product name : E5-574G-54Y2

Intel Core i5-6200U (3M Cache, 2.3 GHz), 15.6" Full HD (1920 x 1080) 16:9, 8GB DDR3L, 1TB HDD, Intel HD Graphics 520 + NVIDIA GeForce 940M 2 GB, Gigabit Ethernet, WLAN 802.11ac, Bluetooth, Webcam, Windows 10 Home 64-bit

Acer Aspire E E5-574G-54Y2. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-6200U, Processor frequency: 2.3 GHz. Display diagonal: 39.6 cm (15.6"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 520. Operating system installed: Windows 10 Home. Product colour: Grey



Design		Ports & interfaces	
Product type *	Laptop	Headphone outputs	1
Product colour *	Grey	Microphone in	✓
Form factor *	Clamshell	Docking connector	✗
Display		Charging port type	DC-in jack
Display diagonal *	39.6 cm (15.6")	Keyboard	
Display resolution *	1920 x 1080 pixels	Pointing device	Touchpad
Touch screen *	✗	Numeric keypad *	✓
HD type	Full HD	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Operating system installed *	Windows 10 Home
Processor manufacturer *	Intel	Processor special features	
Processor generation	6th gen Intel® Core™ i5	Intel Wireless Display (WiDi) Technology	✓
Processor family *	Intel® Core™ i5	Intel My WiFi Technology	✓
Processor *	i5-6200U	Intel® Smart Response Technology	✓
Processor frequency *	2.3 GHz	Intel Identity Protection Technology	✓
Processor boost frequency	2.8 GHz	Intel Hyper-Threading Technology	✓
Processor threads	4	Intel Turbo Boost Technology	2.0
System bus data transfer rate	4 GT/s	Intel® Small Business Advantage (Intel® SBA)	✓
Processor number of cores	2	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Built-in Visuals Technology	✓
Processor cache type	Smart Cache	Intel HD Graphics	✓
Processor socket	LGA 1356 (Socket B2)	Intel Clear Video HD Technology	✓
Processor lithography	14 nm	Intel Clear Video Technology	✓
Processor operating modes	64-bit	Intel® InTru™ 3D Technology	✓
Processor series	Intel Core i5-6200 series	Intel® Insider™	✓
Processor codename	Skylake	Intel® Quick Sync Video Technology	✓
Bus type	QPI	Intel Flex Memory Access	✓
Stepping	D1	Intel® Smart Cache	✓
Thermal Design Power (TDP)	15 W	Intel AES New Instructions	✓
Configurable TDP-up frequency	2.4 GHz	Intel Trusted Execution Technology	✗
Configurable TDP-up	25 W	Intel Enhanced Halt State	✓
Configurable TDP-down	7.5 W	Intel VT-x with Extended Page Tables (EPT)	✓
Configurable TDP-down frequency	0.8 GHz	Intel® Secure Key	✓
Tjunction	100 °C	Intel TSX-NI	✗
Maximum number of PCI Express lanes	12		
PCI Express slots version	3.0		
PCI Express configurations	1x4, 4x1		

Processor		Processor special features	
ECC supported by processor	✗	Intel Stable Image Platform Program (SIPP)	✗
Memory		Intel® OS Guard	✓
Internal memory *	8 GB	Intel Software Guard Extensions (Intel SGX)	✓
Internal memory type	DDR3L-SDRAM	Intel Clear Video Technology for MID	✓
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	16 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	42 X 24 mm
Number of hard drives installed	1	Supported instruction sets	SSE4.1, SSE4.2, AVX 2.0
Hard drive capacity	1 TB	Processor code	SR2EY
Hard drive interface	SATA	CPU configuration (max)	1
Hard drive rotational speed	5400 RPM	Embedded options available	✗
Optical drive type *	✗	Graphics & IMC lithography	14 nm
Card reader integrated	✓	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Compatible memory cards	SD	Intel Identity Protection Technology version	1.00
Graphics		Intel Smart Response Technology version	1.00
Discrete graphics card model *	NVIDIA® GeForce® 940M	Intel Stable Image Platform Program (SIPP) version	0.00
On-board graphics card *	✓	Intel Secure Key Technology version	1.00
Discrete graphics card *	✓	Intel Small Business Advantage (SBA) version	1.00
On-board graphics card family	Intel® HD Graphics	Intel TSX-NI version	1.00
On-board graphics card model *	Intel® HD Graphics 520	Intel Virtualization Technology (VT-x)	✓
On-board graphics card base frequency	300 MHz	Processor ARK ID	88193
On-board graphics card dynamic frequency (max)	1000 MHz	Conflict-Free processor	✓
Maximum on-board graphics card memory	1.74 GB	Battery	
On-board graphics card DirectX version	12.0	Battery technology	Lithium-Ion (Li-Ion)
On-board graphics card OpenGL version	4.4	Number of battery cells	4
On-board graphics card ID	1916	Battery performance	2520 mAh
Discrete graphics card memory	2 GB	Energy Management	
Graphics card Open GL support	✓	AC adapter power	65 W
Audio		Weight & Dimensions	
Built-in microphone	✓	Width	381.6 mm
Camera		Depth	256 mm
Front camera	✓	Height	29.2 mm
Network		Height (front)	2.49 cm
Wi-Fi	✓	Height (rear)	2.92 cm
Wi-Fi standards	Wi-Fi 5 (802.11ac)	Weight *	2.4 kg
Ethernet LAN connection	✓	Packaging Content	
Ethernet LAN data rates	10,100,1000 Mbit/s	Cables included	AC
Bluetooth	✓	Other features	
Ports & interfaces		AC adapter bundled	✓
USB 2.0 ports quantity *	1	3D compatibility	✗
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2		
Ethernet LAN (RJ-45) ports quantity	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		

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