

ASUS X54HY-SX042V Intel® Core™ i3 i3-2330M 39,6 cm (15.6") 4 GB DDR3-SDRAM 640 GB HDD AMD Radeon HD 6470M Windows 7 Home Premium Schwarz

Marke : ASUS

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Produktname : X54HY-SX042V

ASUS X54HY-SX042V. Prozessorfamilie: Intel® Core™ i3, Prozessor: i3-2330M, Prozessor-Taktfrequenz: 2,2 GHz. Anzeigegrösse (Diagonal): 39,6 cm (15.6"), Auflösung: 1366 x 768 Pixel. Arbeitsspeicher (RAM): 4 GB, Interner Speichertyp: DDR3-SDRAM. Gesamtspeicherkapazität: 640 GB, Speichermedien: HDD, Optisches Laufwerk - Typ: DVD Super Multi. On-board Grafik Modell: Intel® HD Graphics 3000, Dediziertes Grafikmodell: AMD Radeon HD 6470M. Vorinstalliertes Betriebssystem: Windows 7 Home Premium. Produktfarbe: Schwarz. Gewicht: 2,62 kg



Design		Performance	
Product colour *	Black	Motherboard chipset	Intel® HM65 Express
Housing material	Plastic	Keyboard	
Display		Pointing device	Touchpad
Display diagonal *	39.6 cm (15.6")	Numeric keypad *	✓
Display resolution *	1366 x 768 pixels	Full-size keyboard	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system architecture	64-bit
Processor		Drivers included	✓
Processor manufacturer *	Intel	Operating system installed *	Windows 7 Home Premium
Processor family *	Intel® Core™ i3	Processor special features	
Processor generation	2nd gen Intel® Core™ i3	Intel® Wireless Display (Intel® WiDi)	✓
Processor model *	i3-2330M	Intel® My WiFi Technology (Intel® MWT)	✓
Processor cores	2	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor threads	4	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor frequency *	2.2 GHz	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
System bus rate	5 GT/s	Intel® Turbo Boost Technology	✗
Processor cache	3 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor socket	BGA 1023	Intel Clear Video Technology	✗
Processor lithography	32 nm	Intel® InTru™ 3D Technology	✓
Processor operating modes	64-bit	Intel® Insider™	✓
Processor series	Intel Core i3-2300 Mobile Series		
Processor codename	Sandy Bridge		
Bus type	DMI		
FSB Parity	✗		
Stepping	J1		
Thermal Design Power (TDP)	35 W		
Tjunction	85C ; 100C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Intel® Quick Sync Video Technology	✓
PCI Express slots version	2.0	Intel Flex Memory Access	✓
PCI Express configurations	1x16, 2x8	Intel® Smart Cache	✓
CPU multiplier (bus/core ratio)	22	Intel® AES New Instructions (Intel® AES-NI)	✗
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
Memory		Intel Enhanced Halt State	✓
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✓
Internal memory type	DDR3-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1333 MHz	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory slots	2x SO-DIMM	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	640 GB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	37.5 x 37.5 (rPGA988B); 31 x 24 (BGA1023)
Number of HDDs installed	1	Supported instruction sets	AVX
HDD capacity	640 GB	Processor code	SR04J
HDD interface	SATA	CPU configuration (max)	1
Optical drive type *	DVD Super Multi	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	32 nm
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Graphics		Intel Identity Protection Technology version	1.00
Discrete graphics card model *	AMD Radeon HD 6470M	Intel Virtualization Technology (VT-x)	✓
On-board graphics card *	✓	Intel Dual Display Capable Technology	✓
Discrete graphics card *	✓	Intel FDI Technology	✓
On-board graphics card family	Intel® HD Graphics	Intel Rapid Storage Technology	✗
On-board graphics card model *	Intel® HD Graphics 3000	Intel Fast Memory Access	✓
On-board graphics card base frequency	650 MHz	Processor ARK ID	53434
On-board graphics card dynamic frequency (max)	1100 MHz	Conflict-Free processor	✗
On-board graphics card ID	0x116	Integrated 4G WiMAX	✓
Audio		Battery	
Audio system	HD	Number of battery cells	4
Number of built-in speakers	2	Battery capacity	2600 mAh
Speakers manufacturer	Altec Lansing	Battery capacity *	37 Wh
Built-in microphone	✓	Power	
Audio formats supported	AAC, MP3, WMA	AC adapter power	75 W
Camera		DC-in jack	✓
Front camera resolution (numeric)	0.3 MP	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Weight & dimensions	
Networking features	Gigabit Ethernet	Width	378 mm
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Depth	253 mm
Ethernet LAN	✓	Height (front)	3.5 cm
Bluetooth	✗	Height (rear)	3.7 cm
Cabling technology	10/100/1000Base-T(X)	Weight *	2.62 kg
Ports & interfaces		Packaging content	
USB 2.0 ports quantity *	1	AC adapter included *	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Other features	
Ethernet LAN (RJ-45) ports	1	Wireless technology	Wi-Fi
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
Headphone outputs	1		

Ports & interfaces		Other features	
S/PDIF out port	✗	Infrared data port	✗
Microphone in	✓	Graphics card family	AMD, Intel
Docking connector	✗	Type	PC
ExpressCard slot	✗	Display	LCD
CardBus PCMCIA slot type	✗	Power supply type	AC/DC
SmartCard slot	✗	Power requirements	100 - 240V, 19V
TV-out	✗	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab

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