ASUS

ASUS A52JR-SX068V Intel® Core™ i5 i5-430M 39,6 cm (15.6") 4 GB DDR3-SDRAM 320 GB AMD Mobility Radeon HD 5470 Windows 7 Home Premium

Brand : ASUS

Article code: 90NXMW540L3241VL454

Product name : A52JR-SX068V

ASUS A52JR-SX068V. Processor family: Intel® Core™ i5, Processor model: i5-430M, Processor frequency: 2,26 GHz. Display diagonal: 39,6 cm (15.6"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 320 GB, Optical drive type: DVD Super Multi. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: AMD Mobility Radeon HD 5470. Operating system installed: Windows 7 Home Premium. Weight: 2,62 kg

Display	
Display diagonal *	39,6 cm (15.6")
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9

Processor	
Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	4th gen Intel® Core™ i5
Processor model *	i5-430M
Processor cores	2
Processor threads	4
Processor boost frequency	2,53 GHz
Processor frequency *	2,26 GHz
System bus rate	2,5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1288
Processor lithography	32 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-400 Series
Processor codename	Arrandale
Bus type	DMI
FSB Parity	✗
Stepping	C2
Thermal Design Power (TDP)	35 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0

Processor special features	
Intel® My WiFi Technology (Intel® MWT)	✗
Intel® Anti-Theft Technology (Intel® AT)	✗
Intel® Hyper Threading Technology (Intel® HT Technology)	✔
Intel® Turbo Boost Technology	1.0
Enhanced Intel SpeedStep Technology	✔
Intel® Clear Video HD Technology (Intel® CVT HD)	✔
Intel Clear Video Technology	✔
Intel® InTru™ 3D Technology	✗
Intel® Insider™	✗
Intel® Quick Sync Video Technology	✗
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel® AES New Instructions (Intel® AES-NI)	✗
Intel Trusted Execution Technology	✗
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✗
Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✔
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔

Processor

PCI Express configurations	1x16
Number of Processing Die Transistors	382 M
Processing Die size	81 mm²
CPU multiplier (bus/core ratio)	17
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1066 MHz
Maximum internal memory *	8 GB

Storage

Total storage capacity *	320 GB
Optical drive type *	DVD Super Multi
Card reader integrated	✔
Compatible memory cards	MMC, SD

Graphics

Discrete graphics card model *	AMD Mobility Radeon HD 5470
On-board graphics card *	✔
Discrete graphics card *	✔
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics
On-board graphics card base frequency	500 MHz
On-board graphics card dynamic frequency (max)	766 MHz

Audio

Audio system	SRS Premium Sound
Speakers manufacturer	Altec Lansing

Network

Networking features	Gigabit Ethernet, WLAN
Bluetooth	✘

Ports & interfaces

USB 2.0 ports quantity *	3
Ethernet LAN (RJ-45) ports	1
HDMI ports quantity *	1
VGA (D-Sub) ports quantity	1
Headphone outputs	1
S/PDIF out port	✘
Microphone in	✔
Docking connector	✘
ExpressCard slot	✘
CardBus PCMCIA slot type	✘
SmartCard slot	✘
TV-out	✘

Software

Operating system installed *	Windows 7 Home Premium

Processor special features

Intel® Wireless Display (Intel® WiDi)	✘

Processor special features

Thermal Monitoring Technologies	✔
Processor package size	rPGA 37.5x 37.5, BGA 34x28
Supported instruction sets	SSE4.1, SSE4.2
Processor code	SLBPM
Physical Address Extension (PAE)	✔
Physical Address Extension (PAE)	36 bit
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	45 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✘
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	43537
Conflict-Free processor	✘

Battery

Number of battery cells	6
Battery capacity	4400 mAh

Power

AC adapter power	90 W
AC adapter input voltage	100 - 240 V
AC adapter output current	4,74 A
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✔
Cable lock slot type	Kensington
Password protection type	BIOS

Weight & dimensions

Width	255 mm
Depth	380 mm
Height (front)	3,45 cm
Height (rear)	3,57 cm
Weight *	2,62 kg

Other features

Wireless technology	802.11b/g/n
Infrared data port	✘
Graphics card family	AMD
Type	PC
TV-in port	✘
HDD user password	✔
Internal modem	✘

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