

ASUS R752LB-TY080H laptop Intel® Core™ i5 i5-5200U 43,9 cm (17.3") HD+ 8 GB DDR3L-SDRAM 500 GB HDD NVIDIA® GeForce® 940M Wi-Fi 4 (802.11n) Windows 8.1 Black



Brand : ASUS

Product code: R752LB-TY080H

Product name : R752LB-TY080H

Intel Core i5-5200U (3MB Cache, 2.2GHz), 8GB DDR3, 500GB HDD, Intel HD Graphics 5500, WLAN 802.11 b/g/n, Webcam, Windows 8.1

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A value-packed everyday notebook with user-centric features

The ASUS R Series is the perfect all-round value laptop for work and play. Powered by a choice of Intel or AMD processors, the R Series is a stylish notebook designed for those looking to stand out from the crowd. The R Series immerses you in high quality ASUS SonicMaster-enhanced audio; and gives you a 2-second resume from sleep mode, so it's always ready at a moment's notice. What's more, there's also USB 3.0 for super-fast data transfer speeds.



Design		Ports & interfaces	
Product type *	Laptop	ExpressCard slot	✗
Product colour *	Black	CardBus PCMCIA slot type	✗
Form factor *	Clamshell	SmartCard slot	✗
Display		Keyboard	
Display diagonal *	43,9 cm (17.3")	Pointing device	Touchpad
Display resolution *	1600 x 900 pixels	Numeric keypad *	✓
HD type	HD+	Windows keys	✓
LED backlight	✓	Software	
Native aspect ratio	16:9	Operating system software *	Windows 8.1
Processor		Processor special features	
Processor manufacturer *	Intel	Intel Wireless Display (WiDi) Technology	✓
Processor type *	Intel® Core™ i5	Intel My WiFi Technology	✗
Processor generation	5th gen Intel® Core™ i5	Intel Anti-Theft Technology	✗
Processor *	i5-5200U	Intel® Smart Response Technology	✓
Processor number of cores	2	Intel Identity Protection Technology	✓
Processor threads	4	Intel Hyper-Threading Technology	✓
Processor boost frequency	2,7 GHz	Intel Turbo Boost Technology	2.0
Processor frequency *	2,2 GHz	Intel® Small Business Advantage (Intel® SBA)	✓
System bus data transfer rate	5 GT/s	Enhanced Intel SpeedStep Technology	✓
Processor cache	3 MB	Intel® Built-in Visuals Technology	✓
Processor cache type	Smart Cache	Intel HD Graphics	✓
Processor socket	BGA 1168	Intel Clear Video HD Technology	✓
Processor lithography	14 nm	Intel Clear Video Technology	✓
Processor operating modes	32-bit, 64-bit		
Processor series	Intel® Core™ i5-5200 Mobile Series		
Processor codename	Broadwell		
Bus type	DMI2		
FSB Parity	✗		

Processor		Processor special features	
Stepping	F0	Intel® InTru™ 3D Technology	✓
Thermal Design Power (TDP)	15 W	Intel® Insider™	✓
Configurable TDP-down	7,5 W	Intel® Quick Sync Video Technology	✓
Configurable TDP-down frequency	0,6 GHz	Intel Flex Memory Access	✓
Tjunction	105 °C	Intel Smart Cache	✗
Maximum number of PCI Express lanes	12	Intel AES New Instructions	✓
PCI Express slots version	2.0	Intel Trusted Execution Technology	✗
PCI Express configurations	4x1, 2x4	Intel Enhanced Halt State	✓
ECC supported by processor	✗	Intel VT-x with Extended Page Tables (EPT)	✓
Memory		Intel Demand Based Switching	✗
Internal memory *	8 GB	Intel® Secure Key	✓
Internal memory type	DDR3L-SDRAM	Intel® OS Guard	✓
Memory speed	1600 MHz	Intel Clear Video Technology for MID	✓
Maximum memory *	12 GB	Intel 64	✓
Storage		Execute Disable Bit	✓
Total storage capacity *	500 GB	Idle States	✓
Storage media *	HDD	Thermal Monitoring Technologies	✓
Number of HDDs installed	1	Processor package size	40 x 24 x 1.3 mm
Hard drive capacity	500 GB	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Hard drive rotational speed	5400 RPM	Processor code	SR23Y
Hard drive size	2.5"	CPU configuration (max)	1
Optical drives *	DVD Super Multi	Embedded options available	✗
Card reader integrated	✓	Graphics & IMC lithography	14 nm
Compatible memory cards	SD, SDHC, SDXC	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Graphics		Intel Identity Protection Technology version	1,00
Discrete graphics card model *	NVIDIA® GeForce® 940M	Intel Smart Response Technology version	1,00
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 Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 5500	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	300 MHz	Intel FDI Technology	✓
On-board graphics card dynamic frequency (max)	900 MHz	Intel Rapid Storage Technology	✗
Maximum on-board graphics card memory	16 GB	Intel Fast Memory Access	✓
On-board graphics card DirectX version	11.2	Processor ARK ID	85212
On-board graphics card OpenGL version	4.3	Conflict-Free processor	✓
On-board graphics card ID	0x1616		
Graphics card Open GL support	✓		
Audio		Battery	
Audio system	SonicMaster Lite	Number of battery cells	2
Built-in microphone	✓	Battery capacity	2600 mAh
Camera		Power	
Front camera	✓	AC adapter power	65 W
Network		AC adapter output current	1,73 A
Wi-Fi	✓	AC adapter output voltage	19 V
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	DC-in jack	✓
Wi-Fi standards	802.11g, 802.11b, Wi-Fi 4 (802.11n)		
Ethernet LAN connection	✓	Security	
Bluetooth	✓	Cable lock slot	✓
Bluetooth version	4.0	Cable lock slot type	Kensington
		Weight & dimensions	
		Width	415 mm
		Depth	272 mm
		Height (front)	3 cm

Ports & interfaces		Weight & dimensions	
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Height (rear)	3,5 cm
Ethernet LAN (RJ-45) ports	1	Weight *	2,8 kg
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		

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