

## ASUS R510LDV-CJ1101H laptop Intel® Core™ i5 i5-4210U 39,6 cm (15.6") HD 4 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 820M Windows 8.1 Grey, Silver



**Brand :** ASUS

**Product code:** R510LDV-CJ1101H

**Product name :** R510LDV-CJ1101H

Intel Core i5-4210U (1.7GHz, 3MB Cache), 4GB DDR3, 1000GB HDD, Intel HD Graphics 4400 + NVIDIA GeForce GT 820M WLAN 802.11 b/g, Gigabit Ethernet, Windows 8.1

ASUS R510LDV-CJ1101H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4210U, Processor frequency: 1,7 GHz. Display diagonal: 39,6 cm (15.6"), HD type: HD, Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD. On-board graphics card model: Intel® HD Graphics 4400. Operating system installed: Windows 8.1. Product colour: Grey, Silver

Design		Keyboard	
Product type *	Laptop	Pointing device	Touchpad
Product colour *	Grey, Silver	Numeric keypad *	✓
Form factor *	Clamshell	Windows keys	✓
Display		Software	
Display diagonal *	39,6 cm (15.6")	Operating system installed *	Windows 8.1
Display resolution *	1366 x 768 pixels	<b>Processor special features</b>	
Touchscreen *	✗	Intel® Wireless Display (Intel® WiDi)	✓
HD type	HD	Intel® My WiFi Technology (Intel® MWT)	✗
LED backlight	✓	Intel Smart Connect Technology	✓
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor		Intel® Identity Protection Technology (Intel® IPT)	✓
Processor manufacturer *	Intel	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor family *	Intel® Core™ i5	Intel® Turbo Boost Technology	2.0
Processor generation	4th gen Intel® Core™ i5	Intel® Matrix Storage Technology (Intel® MST)	✗
Processor model *	i5-4210U	Intel® High Definition Audio (Intel® HD Audio)	✓
Processor cores	2	Enhanced Intel SpeedStep Technology	✓
Processor threads	4	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor boost frequency	2,7 GHz	Intel Clear Video Technology	✗
Processor frequency *	1,7 GHz	Intel® InTru™ 3D Technology	✓
System bus rate	5 GT/s	Intel® Insider™	✓
Processor cache	3 MB	Intel® Quick Sync Video Technology	✓
Processor cache type	Smart Cache	Intel Flex Memory Access	✗
Processor socket	BGA 1168	Intel® Smart Cache	✓
Processor lithography	22 nm	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor operating modes	64-bit	Intel Trusted Execution Technology	✗
Processor series	Intel Core i5-4200 Mobile series	Intel Enhanced Halt State	✓
Processor codename	Haswell	Intel VT-x with Extended Page Tables (EPT)	✓
Bus type	DMI2	Intel Demand Based Switching	✗
FSB Parity	✗	Intel® Secure Key	✓
Stepping	D0		
Thermal Design Power (TDP)	15 W		
Tjunction	100 °C		
Maximum number of PCI Express lanes	12		
PCI Express slots version	2.0		
PCI Express configurations	4x1, 2x4		
ECC supported by processor	✗		

Memory		Processor special features	
Internal memory *	4 GB	Intel TSX-NI	✗
Internal memory type	DDR3L-SDRAM	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Memory clock speed	1600 MHz	Intel 64	✓
Maximum internal memory *	8 GB	Execute Disable Bit	✓
Storage		Idle States	✓
Total storage capacity *	1 TB	Thermal Monitoring Technologies	✓
Storage media *	HDD	Processor package size	40 x 24 x 1.5 mm
Number of hard drives installed	1	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Hard drive capacity	1 TB	Processor code	SR1EF
Hard drive speed	5400 RPM	CPU configuration (max)	1
Card reader integrated	✓	Embedded options available	✗
Compatible memory cards	SD, SDHC, SDXC	UART	✓
Graphics		Intel Virtualization Technology for Directed I/O (VT-d)	✗
Discrete graphics card model *	NVIDIA® GeForce® GT 820M	Intel Smart Connect Technology version	1,00
Discrete graphics card memory	2 GB	Intel Identity Protection Technology version	1,00
Discrete graphics memory type	GDDR3	Intel Secure Key Technology version	1,00
On-board graphics card *	✓	Intel ME Firmware Version	9.5
Discrete graphics card *	✓	Intel TSX-NI version	0,00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics 4400	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	200 MHz	Intel FDI Technology	✗
On-board graphics card dynamic frequency (max)	1000 MHz	Intel Rapid Storage Technology	✓
Maximum on-board graphics card memory	1,74 GB	Intel Fast Memory Access	✗
On-board graphics card DirectX version	12	Processor ARK ID	81016
On-board graphics card ID	0xA16	Conflict-Free processor	✓
Audio		Battery	
Audio system	SonicMaster	Number of battery cells	4
Built-in microphone	✓	Battery capacity *	37 Wh
Camera		Power	
Front camera	✓	AC adapter power	65 W
Network		AC adapter frequency	50 - 60 Hz
Wi-Fi	✓	AC adapter input voltage	100 - 240 V
Wi-Fi standards	802.11b, 802.11g	AC adapter output current	3,42 A
Ethernet LAN	✓	AC adapter output voltage	19 V
Ethernet LAN data rates	10,100,1000 Mbit/s	DC-in jack	✓
Bluetooth	✓	Security	
Bluetooth version	4.0	Cable lock slot	✓
Ports & interfaces		Cable lock slot type	Kensington
USB 2.0 ports quantity *	1	Password protection	✓
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Password protection type	BIOS, User
Ethernet LAN (RJ-45) ports	1	Weight & dimensions	
HDMI ports quantity *	1	Width	380 mm
DVI port	✗	Depth	251 mm
VGA (D-Sub) ports quantity	1	Height (front)	2,48 cm
S/PDIF out port	✗	Height (rear)	3,17 cm
Microphone in	✗	Weight *	2,3 kg
Combo headphone/mic port	✓	Other features	
Docking connector	✗	Intel® Virtualization Technology (Intel® VT)	VT-x
ExpressCard slot	✗		
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		

**Ports & interfaces**

Total number of SATA connectors	4
Number of SATA III connectors	4



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### Catalog Object Cloud



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