

ASUS ROG G551JW-CN214D Intel® Core™ i5 i5-4200H Laptop 39,6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GTX 960M Wi-Fi 4 (802.11n) FreeDOS Black



Brand : ASUS

Product family: ROG

Article code: 90NB08B2-M02600

Product name : G551JW-CN214D

ASUS ROG G551JW-CN214D. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor model: i5-4200H, Processor frequency: 2,8 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, Optical drive type: DVD Super Multi. Operating system installed: FreeDOS. Product color: Black

Design		Ports & interfaces	
Product type *	Laptop	Microphone in	✓
Product color *	Black	Combo headphone/mic port	✓
Form factor *	Clamshell	Docking connector	✗
Display		Performance	
Display diagonal *	39,6 cm (15.6")	Motherboard chipset	Intel® HM86
Display resolution *	1920 x 1080 pixels	Keyboard	
Touchscreen *	✗	Pointing device	Touchpad
HD type	Full HD	Numeric keypad *	✓
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	Software	
Display surface	Matt	Operating system installed *	FreeDOS
Processor		Processor special features	
Processor manufacturer *	Intel	Intel® Wireless Display (Intel® WiDi)	✓
Processor family *	Intel® Core™ i5	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor generation	4th gen Intel® Core™ i5	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor model *	i5-4200H	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor cores	2	Intel® Turbo Boost Technology	2.0
Processor threads	4	Enhanced Intel SpeedStep Technology	✓
Processor boost frequency	3,4 GHz	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor frequency *	2,8 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® Smart Cache	✓
Processor socket	BGA 1364	Intel® AES New Instructions (Intel® AES-NI)	✓
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-4200 Mobile series		
Processor codename	Haswell		
Bus type	DMI2		
Stepping	C0		
Thermal Design Power (TDP)	47 W		

Processor		Processor special features	
Tjunction	100 °C	Intel Trusted Execution Technology	✗
Maximum number of PCI Express lanes	16	Intel VT-x with Extended Page Tables (EPT)	✓
PCI Express slots version	3.0	Intel® Secure Key	✓
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel TSX-NI	✗
ECC supported by processor	✗	Intel 64	✓
Memory		Execute Disable Bit	✓
Internal memory *	8 GB	Thermal Monitoring Technologies	✓
Internal memory type	DDR3L-SDRAM	Processor package size	37.5 x 32 x 1.65 mm
Memory clock speed	1600 MHz	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
Maximum internal memory *	16 GB	Processor code	SR15G
Storage		CPU configuration (max)	1
Total storage capacity *	1 TB	Embedded options available	✗
Storage media *	HDD	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Number of HDDs installed	1	Intel Identity Protection Technology version	1,00
HDD capacity	1 TB	Intel Secure Key Technology version	1,00
HDD size	2.5"	Intel TSX-NI version	0,00
Optical drive type *	DVD Super Multi	Intel Virtualization Technology (VT-x)	✓
Card reader integrated	✓	Processor ARK ID	75027
Compatible memory cards	MMC, Memory Stick (MS), MS PRO, SD, MS PRO Duo, SDXC	Conflict-Free processor	✓
Graphics		Battery	
Discrete graphics card model *	NVIDIA® GeForce® GTX 960M	Number of battery cells	6
Discrete graphics memory type	GDDR3	Battery capacity	5200 mAh
On-board graphics card *	✓	Battery capacity *	56 Wh
Discrete graphics card *	✓	Power	
On-board graphics card model *	Intel® HD Graphics 4600	AC adapter power	120 W
On-board graphics card base frequency	400 MHz	AC adapter output current	6,3 A
On-board graphics card dynamic frequency (max)	1150 MHz	AC adapter output voltage	19 V
Maximum on-board graphics card memory	1,74 GB	DC-in jack	✓
On-board graphics card DirectX version	11.1	Security	
On-board graphics card ID	0x416	Cable lock slot	✓
Audio		Cable lock slot type	Kensington
Built-in microphone	✓	Password protection	✓
Camera		Password protection type	BIOS, HDD, User
Front camera	✓	Certificates	
Network		Compliance certificates	RoHS UL, TUV, MIC, CE Marking Compliance, BSMI, Australia C-TICK / NZ A-Tick Compliance, CCC, GOST-R, CB, EPEAT, EU Flower, Energy star, CECp, WEEE, Erp 2013, RoHS, JATE
Wi-Fi	✓	Certification	
Top Wi-Fi standard *	Wi-Fi 4 (802.11n)	Sustainability	
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)	Sustainability certificates	ENERGY STAR
Ethernet LAN	✓	Weight & dimensions	
Ethernet LAN data rates	10,1000,100 Mbit/s	Width	383 mm
Bluetooth	✓	Depth	255 mm
Bluetooth version	4.0	Height (front)	2,8 cm
Ports & interfaces		Height (rear)	3,15 cm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3	Weight *	2,7 kg
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
Mini DisplayPorts quantity	1		
DVI port	✗		

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