

ASUS ROG GL552JX-DM088H Intel® Core™ i5 i5-4200H Laptop 39.6 cm (15.6") Full HD 8 GB DDR3L-SDRAM 1.13 TB HDD+SSD NVIDIA® GeForce® GTX 950M Windows 8.1 Black

Brand : ASUS

Product family: ROG

Product code: 90NB07Z1-M01170

Product name : GL552JX-DM088H

15.6" 1920x1080 LED, Intel Core i5-4200H 2.8GHz, 8GB DDR3L, Super-Multi DVD, 1TB HDD 5400RPM, 128SSD, NVIDIA GeForce GTX950M 2GB GDDR3, HD Webcam, SD/MMC/CDHC/CDXC, 802.11b/g/n, Bluetooth 4.0, VGA, 2xUSB 3.0, HDMI, 3200mAh, Windows 8.1 64-bit
ASUS ROG GL552JX-DM088H. 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: 1.13 TB, Storage media: HDD+SSD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product color: Black



Design		Keyboard	
Product type *	Laptop	Island-style keyboard	✓
Product color *	Black	Full-size keyboard	✓
Form factor *	Clamshell	Windows keys	✓
Market positioning	Gaming		
Display		Software	
Display diagonal *	39.6 cm (15.6")	Operating system architecture	64-bit
Display resolution *	1920 x 1080 pixels	Operating system installed *	Windows 8.1
HD type	Full HD		
LED backlight	✓	Processor special features	
Native aspect ratio	16:9	Intel® Wireless Display (Intel® WiDi)	✓
Display surface	Matt	Intel® My WiFi Technology (Intel® MWT)	✗
Processor		Intel Smart Connect Technology	✗
Processor manufacturer *	Intel	Intel® Anti-Theft Technology (Intel® AT)	✓
Processor family *	Intel® Core™ i5	Intel® Rapid Start Technology	✗
Processor generation	4th gen Intel® Core™ i5	Intel® Smart Response Technology	✗
Processor model *	i5-4200H	Intel® Identity Protection Technology (Intel® IPT)	✓
Processor cores	2	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor threads	4	Intel® Turbo Boost Technology	2.0
Processor boost frequency	3.4 GHz	Intel® Small Business Advantage (Intel® SBA)	✗
Processor frequency *	2.8 GHz	Intel® Matrix Storage Technology (Intel® MST)	✗
System bus rate	5 GT/s	Intel® High Definition Audio (Intel® HD Audio)	✗
Processor cache	3 MB	Intel® Active Management Technology (Intel® AMT)	✗
Processor cache type	Smart Cache		
Processor socket	BGA 1364		
Processor lithography	22 nm		
Processor operating modes	64-bit		
Processor series	Intel Core i5-4200 Mobile series		
Processor codename	Haswell		

Processor		Processor special features	
Bus type	DMI2	Enhanced Intel SpeedStep Technology	✓
FSB Parity	✗	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Stepping	C0	Intel Clear Video Technology	✗
Thermal Design Power (TDP)	47 W	Intel® InTru™ 3D Technology	✓
Tjunction	100 °C	Intel® Insider™	✓
Maximum number of PCI Express lanes	16	Intel® Quick Sync Video Technology	✓
PCI Express slots version	3.0	Intel Flex Memory Access	✗
PCI Express configurations	1x16, 2x8, 1x8+2x4	Intel® Smart Cache	✓
ECC supported by processor	✗	Intel® AES New Instructions (Intel® AES-NI)	✓
Memory		Intel Trusted Execution Technology	✗
Internal memory *	8 GB	Intel Enhanced Halt State	✗
Internal memory type	DDR3L-SDRAM	Intel VT-x with Extended Page Tables (EPT)	✓
Memory clock speed	1600 MHz	Intel Demand Based Switching	✗
Memory slots	2x SO-DIMM	Intel® Secure Key	✓
Maximum internal memory *	16 GB	Intel TSX-NI	✗
Storage		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	1.13 TB	Intel 64	✓
Storage media *	HDD+SSD	Execute Disable Bit	✓
Number of HDDs installed	1	Thermal Monitoring Technologies	✓
HDD capacity	1 TB	Processor package size	37.5 x 32 x 1.65 mm
HDD interface	SATA III	Supported instruction sets	AVX 2.0, SSE4.1, SSE4.2
HDD speed	5400 RPM	Processor code	SR15G
HDD size	2.5"	CPU configuration (max)	1
Number of SSDs installed	1	Embedded options available	✗
SSD capacity	128 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Optical drive type *	DVD Super Multi	Intel Identity Protection Technology version	1.00
Card reader integrated	✓	Intel Secure Key Technology version	1.00
Compatible memory cards	MMC, SD, SDHC, SDXC	Intel TSX-NI version	0.00
Graphics		Intel Virtualization Technology (VT-x)	✓
Discrete graphics card model *	NVIDIA® GeForce® GTX 950M	Intel Dual Display Capable Technology	✗
Discrete graphics card memory	2 GB	Intel FDI Technology	✗
Discrete graphics memory type	GDDR3	Intel Rapid Storage Technology	✗
On-board graphics card *	✓	Intel Fast Memory Access	✗
Discrete graphics card *	✓	Processor ARK ID	75027
On-board graphics card family	Intel® HD Graphics	Conflict-Free processor	✓
On-board graphics card model *	Intel® HD Graphics 4600	Battery	
On-board graphics card base frequency	400 MHz	Number of battery cells	4
On-board graphics card dynamic frequency (max)	1150 MHz	Battery capacity	3200 mAh
Maximum on-board graphics card memory	1.74 GB	Power	
On-board graphics card DirectX version	11.1	AC adapter power	120 W
On-board graphics card ID	0x416	AC adapter frequency	50 - 60 Hz
Audio		AC adapter input voltage	100 - 240 V
Audio system	SonicMaster	AC adapter output voltage	19 V
Built-in microphone	✓	DC-in jack	✓
Camera		Security	
Front camera	✓	Cable lock slot	✓
Network		Cable lock slot type	Kensington
Wi-Fi	✓		
Wi-Fi standards	802.11b, 802.11g, Wi-Fi 4 (802.11n)		
Ethernet LAN	✓		
Bluetooth	✓		

Ports & interfaces		Weight & dimensions	
USB 2.0 ports quantity *	1	Width	385 mm
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	2	Depth	255 mm
Ethernet LAN (RJ-45) ports	1	Height	32.4 mm
HDMI ports quantity *	1	Packaging content	
DVI port	✗	AC adapter included *	✓
VGA (D-Sub) ports quantity	1	Manual	✓
Headphone outputs	1	Power cord included	✓
S/PDIF out port	✗	Other features	
Microphone in	✓	LightScribe	✗
Docking connector	✗	Maximum internal memory (64-bit)	16 GB
ExpressCard slot	✗	Intel® Virtualization Technology (Intel® VT)	VT-d, VT-x
CardBus PCMCIA slot type	✗		
SmartCard slot	✗		
Performance			
Motherboard chipset	Intel® HM86		
Keyboard			
Pointing device	Touchpad		
Numeric keypad *	✓		
Keyboard backlit	✓		

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