

## ASUS ROG G73JW-TZ154V laptop Intel® Core™ i7 i7-740QM 43,9 cm (17.3") Full HD 8 GB DDR3-SDRAM 500 GB NVIDIA® GeForce® GTX 460M Windows 7 Home Premium Black



**Brand :** ASUS

**Product family:** ROG

**Product code:** G73JW-TZ154V

**Product name :** G73JW-TZ154V

G73JW-TZ152V - Intel Core i7-740QM (1.73 GHz), 8GB DDR3 1066 MHz SDRAM, 500GB HDD, Blu-Ray RW, 17.3" Full HD TFT, 1920 x 1080, Gigabit Ethernet, 802.11 b/g/n, 2.0MP Webcam, Bluetooth 2.1 + EDR, USB 3.0, HDMI, Windows 7 Home Premium

ASUS ROG G73JW-TZ154V. Processor family: Intel® Core™ i7, Processor model: i7-740QM, Processor frequency: 1,73 GHz. Display diagonal: 43,9 cm (17.3"), HD type: Full HD, Display resolution: 1920 x 1080 pixels. Internal memory: 8 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB. Discrete graphics card model: NVIDIA® GeForce® GTX 460M. Operating system installed: Windows 7 Home Premium. Product colour: Black. Weight: 3,85 kg



Design		Processor special features	
Product colour *	Black	Intel® My WiFi Technology (Intel® MWT)	×
Display		Intel® Anti-Theft Technology (Intel® AT)	×
Display diagonal *	43,9 cm (17.3")	Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Display resolution *	1920 x 1080 pixels	Intel® Turbo Boost Technology	1.0
HD type	Full HD	Enhanced Intel SpeedStep Technology	✓
Native aspect ratio	16:9	Intel® Clear Video HD Technology (Intel® CVT HD)	×
Processor		Intel Clear Video Technology	×
Processor manufacturer *	Intel	Intel® InTru™ 3D Technology	×
Processor family *	Intel® Core™ i7	Intel® Insider™	×
Processor generation	Intel® Core™ i7	Intel® Quick Sync Video Technology	×
Processor model *	i7-740QM	Intel Flex Memory Access	×
Processor cores	4	Intel® Smart Cache	✓
Processor threads	8	Intel® AES New Instructions (Intel® AES-NI)	×
Processor boost frequency	2,93 GHz	Intel Trusted Execution Technology	✓
Processor frequency *	1,73 GHz	Intel Enhanced Halt State	✓
System bus rate	2,5 GT/s	Intel VT-x with Extended Page Tables (EPT)	✓
Processor cache	6 MB	Intel Demand Based Switching	×
Processor cache type	Smart Cache	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	×
Processor socket	Socket 988	Intel 64	✓
Processor lithography	45 nm	Execute Disable Bit	✓
Processor operating modes	64-bit	Idle States	✓
Processor series	Intel Core i7-700 Mobile Series		
Processor codename	Clarksfield		
Bus type	DMI		
FSB Parity	×		
Stepping	B1		
Thermal Design Power (TDP)	45 W		
Tjunction	100 °C		

Processor		Processor special features	
Maximum number of PCI Express lanes	16	Thermal Monitoring Technologies	✓
PCI Express slots version	2	Processor package size	37.5 x 37.5 mm
PCI Express configurations	1x16, 2x8	Supported instruction sets	SSE4.2
Number of Processing Die Transistors	774 M	Processor code	SLBQG
Processing Die size	296 mm²	Physical Address Extension (PAE)	✓
CPU multiplier (bus/core ratio)	13	Physical Address Extension (PAE)	36 bit
ECC supported by processor	✗	CPU configuration (max)	1
Memory		Embedded options available	✗
Internal memory *	8 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✓
Internal memory type	DDR3-SDRAM	Intel Virtualization Technology (VT-x)	✓
Memory clock speed	1066 MHz	Intel Dual Display Capable Technology	✗
Memory layout (slots x size)	4 x 2 GB	Intel FDI Technology	✗
Memory slots	2x SO-DIMM	Intel Rapid Storage Technology	✗
Maximum internal memory *	8 GB	Intel Fast Memory Access	✗
Storage		Processor ARK ID	49024
Total storage capacity *	500 GB	Conflict-Free processor	✗
Number of HDDs installed	1	Battery	
HDD speed	7200 RPM	Battery capacity	5200 mAh
Card reader integrated	✓	Battery recharge time	8 h
Compatible memory cards	Memory Stick (MS), MMC, MS Duo, MS PRO, SDXC	Power	
Graphics		AC adapter power	150 W
Discrete graphics card model *	NVIDIA® GeForce® GTX 460M	AC adapter input voltage	100 - 240 V
Discrete graphics card *	✓	AC adapter output current	4,7 A
Audio		AC adapter output voltage	16 V
Audio system	THX TruStudio	DC-in jack	✓
Built-in subwoofer	✓	Security	
Network		Cable lock slot	✗
Wi-Fi	✓	Weight & dimensions	
Networking features	Gigabit Ethernet	Width	415 mm
Bluetooth	✓	Depth	320 mm
Bluetooth version	2.1+EDR	Height (front)	1,89 cm
Ports & interfaces		Height (rear)	5,69 cm
USB 2.0 ports quantity *	3	Weight *	3,85 kg
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1	Packaging content	
Ethernet LAN (RJ-45) ports	1	Mouse included	✗
HDMI ports quantity *	1	AC adapter included *	✓
DVI port	✗	Other features	
Headphone outputs	1	Security features	LoJack
Microphone in	✓	Wireless technology	Wi-Fi
Docking connector	✗	Infrared data port	✗
ExpressCard slot	✗	Graphics card family	NVIDIA
CardBus PCMCIA slot type	✗	Type	PC
SmartCard slot	✗	Power supply type	AC/DC
TV-out	✗	TV-in port	✗
Performance		Internal modem	✗
Motherboard chipset	Intel® HM55 Express	TV tuner integrated	✗
Software			
Drivers included	✓		
Operating system installed *	Windows 7 Home Premium		

**Processor special features**

Intel® Wireless Display (Intel® WiDi) ✗

## Catalog Object Cloud



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