



## ASUS X751MD-TY052H laptop 43.9 cm (17.3") HD+ Intel® Pentium® N3540 4 GB DDR3L-SDRAM 1 TB HDD NVIDIA® GeForce® GT 820M Windows 8.1 Black

Brand : ASUS

Product code: X751MD-TY052H

Product name : X751MD-TY052H



Intel Pentium N3540 (2.16GHz, 2M Cache), 4GB RAM, 1000GB HDD, Intel HD Graphics, WebCam, Windows 8.1

ASUS X751MD-TY052H. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Pentium®, Processor model: N3540, Processor frequency: 2.16 GHz. Display diagonal: 43.9 cm (17.3"), HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 4 GB, Internal memory type: DDR3L-SDRAM. Total storage capacity: 1 TB, Storage media: HDD, Optical drive type: DVD Super Multi. Operating system installed: Windows 8.1. Product colour: Black



Design		Ports & interfaces	
Product type *	Laptop	Charging port type	DC-in jack
Product colour *	Black	ExpressCard slot	✗
Form factor *	Clamshell	CardBus PCMCIA slot type	✗
<b>Display</b>		SmartCard slot	✗
Display diagonal *	43.9 cm (17.3")	Total number of SATA connectors	2
Display resolution *	1600 x 900 pixels	<b>Keyboard</b>	
Touchscreen *	✗	Pointing device	Touchpad
HD type	HD+	Numeric keypad *	✓
LED backlight	✓	Windows keys	✓
Native aspect ratio	16:9	<b>Software</b>	
<b>Processor</b>		Operating system installed *	Windows 8.1
Processor manufacturer *	Intel	<b>Processor special features</b>	
Processor family *	Intel® Pentium®	Intel® Wireless Display (Intel® WiDi)	✓
Processor model *	N3540	Intel® My WiFi Technology (Intel® MWT)	✗
Processor frequency *	2.16 GHz	Intel Smart Connect Technology	✓
Processor boost frequency	2.66 GHz	Intel® Anti-Theft Technology (Intel® AT)	✗
Processor threads	4	Intel® Hyper Threading Technology (Intel® HT Technology)	✗
Processor cores	4	Intel® Turbo Boost Technology	✗
Processor cache	2 MB	Enhanced Intel SpeedStep Technology	✓
Processor cache type	L2	Intel® Built-in Visuals Technology	✓
Processor socket	BGA 1170	Intel HD Graphics	✓
Processor lithography	22 nm	Intel® Clear Video HD Technology (Intel® CVT HD)	✗
Processor operating modes	32-bit, 64-bit	Intel Clear Video Technology	✗
Processor series	Intel® Pentium N3000 Series for Mobile		
Processor codename	Bay Trail		
FSB Parity	✗		
Stepping	C0		

Processor		Processor special features	
Thermal Design Power (TDP)	7.5 W	Intel® InTru™ 3D Technology	✗
Scenario Design Power (SDP)	4.5 W	Intel® Insider™	✗
Tjunction	100 °C	Intel® Quick Sync Video Technology	✓
Maximum number of PCI Express lanes	4	Intel Flex Memory Access	✗
PCI Express slots version	2.0	Intel® Smart Cache	✗
PCI Express configurations	1x4	Intel® AES New Instructions (Intel® AES-NI)	✗
ECC supported by processor	✗	Intel Trusted Execution Technology	✗
<b>Memory</b>		Intel Enhanced Halt State	✓
Internal memory *	4 GB	Intel VT-x with Extended Page Tables (EPT)	✗
Internal memory type	DDR3L-SDRAM	Intel Demand Based Switching	✗
Memory clock speed	1600 MHz	Intel® Secure Key	✓
<b>Storage</b>		Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✗
Total storage capacity *	1 TB	Intel 64	✓
Storage media *	HDD	Execute Disable Bit	✓
Number of HDDs installed	1	Idle States	✓
HDD capacity	1 TB	Thermal Monitoring Technologies	✗
HDD speed	5400 RPM	Processor package size	25 x 27 mm
Optical drive type *	DVD Super Multi	Processor code	SR1YW
Card reader integrated	✓	CPU configuration (max)	1
Compatible memory cards	SD, SDHC, SDXC	Embedded options available	✗
<b>Graphics</b>		Graphics & IMC lithography	22 nm
Discrete graphics card model *	NVIDIA® GeForce® GT 820M	Intel Virtualization Technology for Directed I/O (VT-d)	✗
On-board graphics card *	✓	Intel Smart Connect Technology version	1.00
Discrete graphics card *	✓	Intel Secure Key Technology version	1.00
On-board graphics card family	Intel® HD Graphics	Intel Virtualization Technology (VT-x)	✓
On-board graphics card model *	Intel® HD Graphics	Intel Dual Display Capable Technology	✗
On-board graphics card base frequency	313 MHz	Intel FDI Technology	✗
On-board graphics card burst frequency	896 MHz	Intel Rapid Storage Technology	✗
On-board graphics card dynamic frequency (max)	896 MHz	Intel Fast Memory Access	✗
On-board graphics card DirectX version	11.2	Processor ARK ID	82105
Discrete graphics card memory	1 GB	Conflict-Free processor	✓
Discrete graphics memory type	GDDR3	<b>Battery</b>	
<b>Audio</b>		Number of battery cells	4
Audio system	SonicMaster Lite	<b>Power</b>	
Built-in microphone	✓	AC adapter power	65 W
<b>Camera</b>		<b>Security</b>	
Front camera	✓	Cable lock slot	✗
<b>Network</b>		<b>Weight &amp; dimensions</b>	
Wi-Fi standards	802.11g, 802.11b, Wi-Fi 4 (802.11n)	Width	415 mm
Ethernet LAN	✓	Depth	272 mm
Bluetooth	✓	Height	30 mm
Bluetooth version	4.0	<b>Other features</b>	
<b>Ports &amp; interfaces</b>		AC adapter included	✓
USB 2.0 ports quantity *	2	Intel® Virtualization Technology (Intel® VT)	VT-x
USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1		
Ethernet LAN (RJ-45) ports	1		
HDMI ports quantity *	1		
DVI port	✗		
VGA (D-Sub) ports quantity	1		
S/PDIF out port	✗		
Microphone in	✗		
Combo headphone/mic port	✓		
Docking connector	✗		



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