

## ASUS X72F-TY182V laptop Intel® Core™ i3 i3-370M 17.3" HD+ 3 GB DDR3-SDRAM 500 GB Intel® GMA HD Windows 7 Home Premium Brown

**Brand :** ASUS

**Article code:** X72F-TY182V

**Product name :** X72F-TY182V

X72F-TY182V - 17.3" HD+, Intel Core i3-370M (2.4 GHz), 3GB DDR3, 500GB HDD, Intel GMA HD, DVD-SM DL, Gigabit Ethernet, WLAN 802.11 b/g/n, Windows 7 Home Premium 64bit, 3110g, brown  
 ASUS X72F-TY182V. Processor family: Intel® Core™ i3, Processor model: i3-370M, Processor frequency: 2.4 GHz. Display diagonal: 17.3", HD type: HD+, Display resolution: 1600 x 900 pixels. Internal memory: 3 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 500 GB, Optical drive type: DVD Super Multi DL. On-board graphics card model: Intel® HD Graphics, Discrete graphics card model: Intel® GMA HD. Operating system installed: Windows 7 Home Premium. Product color: Brown. Weight: 6.86 lbs (3.11 kg)



Design		Keyboard	
Product color *	Brown	Pointing device	Touchpad
Display		Software	
Display diagonal *	17.3"	Operating system installed *	Windows 7 Home Premium
Display resolution *	1600 x 900 pixels	Processor special features	
HD type	HD+	Intel® Wireless Display (Intel® WiDi)	×
LED backlight	✓	Intel® My WiFi Technology (Intel® MWT)	×
Native aspect ratio	16:9	Intel® Anti-Theft Technology (Intel® AT)	×
Processor		Intel® Hyper Threading Technology (Intel® HT Technology)	✓
Processor manufacturer *	Intel	Intel® Turbo Boost Technology	×
Processor family *	Intel® Core™ i3	Enhanced Intel SpeedStep Technology	✓
Processor generation	Intel® Core™ i3	Intel® Clear Video HD Technology (Intel® CVT HD)	✓
Processor model *	i3-370M	Intel Clear Video Technology	✓
Processor cores	2	Intel® InTru™ 3D Technology	×
Processor threads	4	Intel® Insider™	×
Processor frequency *	2.4 GHz	Intel® Quick Sync Video Technology	×
System bus rate	2.5 GT/s	Intel Flex Memory Access	✓
Processor cache	3 MB	Intel® Smart Cache	✓
Processor cache type	Smart Cache	Intel® AES New Instructions (Intel® AES-NI)	×
Processor socket	Socket 988	Intel Trusted Execution Technology	×
Processor lithography	32 nm	Intel Enhanced Halt State	✓
Processor operating modes	64-bit	Intel VT-x with Extended Page Tables (EPT)	✓
Processor series	Intel Core i3-300 Mobile Series	Intel Demand Based Switching	×
Processor codename	Arrandale		
Bus type	DMI		
FSB Parity	×		
Stepping	K0		
Thermal Design Power (TDP)	35 W		
Tjunction	90 °C		
Maximum number of PCI Express lanes	16		
PCI Express slots version	2.0		

Processor		Processor special features	
PCI Express configurations	1x16	Intel® Clear Video Technology for Mobile Internet Devices (Intel CVT for MID)	✓
Number of Processing Die Transistors	382 M	Intel 64	✓
Processing Die size	81 mm²	Execute Disable Bit	✓
CPU multiplier (bus/core ratio)	18	Idle States	✓
ECC supported by processor	✗	Thermal Monitoring Technologies	✓
Memory		Processor package size	rPGA 37.5x 37.5, BGA 34x28
Internal memory *	3 GB	Supported instruction sets	SSE4.1, SSE4.2
Internal memory type	DDR3-SDRAM	Processor code	SLBUK
Memory clock speed	1066 MHz	Physical Address Extension (PAE)	✓
Memory layout (slots x size)	1 x 1 + 1 x 2 GB	Physical Address Extension (PAE)	36 bit
Memory slots	2x SO-DIMM	CPU configuration (max)	1
Maximum internal memory *	8 GB	Embedded options available	✗
Storage		Graphics & IMC lithography	45 nm
Total storage capacity *	500 GB	Intel Virtualization Technology for Directed I/O (VT-d)	✗
Number of HDDs installed	1	Intel Virtualization Technology (VT-x)	✓
HDD speed	5400 RPM	Intel Dual Display Capable Technology	✓
Optical drive type *	DVD Super Multi DL	Intel FDI Technology	✓
Card reader integrated	✓	Intel Rapid Storage Technology	✗
Compatible memory cards	Memory Stick (MS), MMC, MS PRO, SD	Intel Fast Memory Access	✓
Graphics		Processor ARK ID	49020
Discrete graphics card model *	Intel® GMA HD	Conflict-Free processor	✗
On-board graphics card *	✓	Battery	
Discrete graphics card *	✓	Number of battery cells	6
On-board graphics card family	Intel® HD Graphics	Battery capacity	2200 mAh
On-board graphics card model *	Intel® HD Graphics	Power	
On-board graphics card base frequency	500 MHz	AC adapter power	90 W
On-board graphics card dynamic frequency (max)	667 MHz	AC adapter input voltage	100 - 240 V
Audio		AC adapter output current	4.74 A
Audio system	SRS	AC adapter output voltage	19 V
Number of built-in speakers	2	DC-in jack	✓
Speakers manufacturer	Altec Lansing	Security	
Speaker power	2 W	Cable lock slot	✓
Audio system direct 3D sound	✓	Cable lock slot type	Kensington
Camera		Weight & dimensions	
Front camera resolution (numeric)	0.3 MP	Width	16.5" (420 mm)
Network		Depth	11.1" (281 mm)
Wi-Fi	✓	Height (front)	1.38" (3.5 cm)
Networking features	Gigabit Ethernet	Height (rear)	1.47" (3.74 cm)
Bluetooth	✗	Weight *	6.86 lbs (3.11 kg)
Cabling technology	10/100/1000Base-T(X)	Packaging content	
Ports & interfaces		AC adapter included *	✓
USB 2.0 ports quantity *	4	Other features	
Ethernet LAN (RJ-45) ports	1	Wireless technology	Wi-Fi
HDMI ports quantity *	1	Infrared data port	✗
DVI port	✗	Graphics card family	Intel
VGA (D-Sub) ports quantity	1	Type	PC
Headphone outputs	1	Power requirements	100 - 240V
S/PDIF out port	✗	Compliance industry standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
Microphone in	✓	TV-in port	✗
Docking connector	✗	Internal modem	✗
ExpressCard slot	✗	Audio system full duplex	✓
CardBus PCMCIA slot type	✗		

Ports & interfaces		Other features	
SmartCard slot	×	TV tuner integrated	×
TV-out	×		

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