ASUS Zenbook UX32A-R3008V laptop Intel® Core™ i5 i5-3317U 33.8 cm (13.3") 4 GB DDR3-SDRAM 524 GB HDD+SSD Windows 7 Home Premium Silver

Brand : ASUS **Product family:** Zenbook **Product code:** UX32A-R3008V

Product name : UX32A-R3008V

ASUS Zenbook UX32A-R3008V. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i5, Processor: i5-3317U, Processor frequency: 1.7 GHz. Display diagonal: 33.8 cm (13.3"), Display resolution: 1366 x 768 pixels. Internal memory: 4 GB, Internal memory type: DDR3-SDRAM. Total storage capacity: 524 GB, Storage media: HDD+SSD. On-board graphics card model: Intel® HD Graphics 4000. Operating system installed: Windows 7 Home Premium. Product colour: Silver. Weight: 1.45 kg

Design

Product type *	Laptop
Product colour *	Silver
Form factor *	Clamshell

Display

Display diagonal *	33.8 cm (13.3")
Display resolution *	1366 x 768 pixels
LED backlight	✔
Native aspect ratio	16:9

Processor

Processor manufacturer *	Intel
Processor family *	Intel® Core™ i5
Processor generation	3rd gen Intel® Core™ i5
Processor *	i5-3317U
Processor number of cores	2
Processor threads	4
Processor boost frequency	2.6 GHz
Processor frequency *	1.7 GHz
System bus data transfer rate	5 GT/s
Processor cache	3 MB
Processor cache type	Smart Cache
Processor socket	BGA 1023
Processor lithography	22 nm
Processor operating modes	64-bit
Processor series	Intel Core i5-3300 Mobile series
Processor codename	Ivy Bridge
Bus type	DMI
FSB Parity	✘
Stepping	L1

Keyboard

Numeric keypad *	✘
Windows keys	✔

Software

Operating system architecture	64-bit
Drivers included	✔
Operating system installed *	Windows 7 Home Premium

Processor special features

Intel Wireless Display (WiDi) Technology	✔
Intel My WiFi Technology	✔
Intel Anti-Theft Technology	✔
Intel Identity Protection Technology	✔
Intel Hyper-Threading Technology	✔
Intel Turbo Boost Technology	2.0
Intel® Small Business Advantage (Intel® SBA)	✘
Enhanced Intel SpeedStep Technology	✔
Intel Clear Video HD Technology	✔
Intel Clear Video Technology	✘
Intel® InTru™ 3D Technology	✔
Intel® Insider™	✔
Intel® Quick Sync Video Technology	✔
Intel Flex Memory Access	✔
Intel® Smart Cache	✔
Intel AES New Instructions	✔

Processor

Thermal Design Power (TDP)	17 W
Tjunction	105 °C
Maximum number of PCI Express lanes	16
PCI Express slots version	2.0
PCI Express configurations	1x16, 2x8, 1x8+2x4
CPU multiplier (bus/core ratio)	17
ECC supported by processor	✘

Memory

Internal memory *	4 GB
Internal memory type	DDR3-SDRAM
Memory clock speed	1600 MHz
Memory slots	1x SO-DIMM
Maximum internal memory *	4 GB

Storage

Total storage capacity *	524 GB
Storage media *	HDD+SSD
Hard drive capacity	500 GB
Hard drive interface	SATA
Hard drive size	2.5"
Number of SSDs installed	1
Solid-state drive capacity	24 GB
Optical drive type *	✘
Card reader integrated	✔
Compatible memory cards	SD

Graphics

Discrete graphics card model *	Not available
On-board graphics card *	✔
Discrete graphics card *	✘
On-board graphics card family	Intel® HD Graphics
On-board graphics card model *	Intel® HD Graphics 4000
On-board graphics card base frequency	350 MHz
On-board graphics card dynamic frequency (max)	1050 MHz
On-board graphics card ID	0x166

Audio

Built-in speakers	✔
Speakers manufacturer	Bang & Olufsen
Built-in microphone	✔

Network

Wi-Fi	✔
Wi-Fi standards	802.11a, 802.11b, 802.11g
Ethernet LAN connection	✘
Bluetooth	✔
Cabling technology	10/100/1000Base-T(X)

Ports & interfaces

USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	3
HDMI ports quantity *	1
DVI port	✘
Mini VGA ports quantity	1
S/PDIF out port	✘
Microphone in	✘
Combo headphone/mic port	✔
ExpressCard slot	✘

Processor special features

Intel Trusted Execution Technology	✘
Intel Enhanced Halt State	✔
Intel VT-x with Extended Page Tables (EPT)	✔
Intel Demand Based Switching	✘
Intel® Secure Key	✔
Intel Clear Video Technology for MID	✘
Intel 64	✔
Execute Disable Bit	✔
Idle States	✔
Thermal Monitoring Technologies	✔
Processor package size	31.0 x 24.0 mm
Supported instruction sets	AVX
Processor code	SR0N8
CPU configuration (max)	1
Embedded options available	✘
Graphics & IMC lithography	22 nm
Intel Virtualization Technology for Directed I/O (VT-d)	✔
Intel Identity Protection Technology version	1.00
Intel Secure Key Technology version	1.00
Intel Virtualization Technology (VT-x)	✔
Intel Dual Display Capable Technology	✔
Intel FDI Technology	✔
Intel Rapid Storage Technology	✘
Intel Fast Memory Access	✔
Processor ARK ID	65707
Conflict-Free processor	✔
Integrated 4G WiMAX	✔

Battery

Battery technology	Lithium Polymer (LiPo)
Number of battery cells	6
Battery performance	6520 mAh
Battery capacity *	48 Wh

Energy Management

AC adapter power	45 W
AC adapter frequency	50 - 60 Hz
AC adapter input voltage	100 - 240 V
AC adapter output voltage	19 V
DC-in jack	✔

Security

Cable lock slot	✘

Weight & Dimensions

Width	325 mm
Depth	223 mm
Height (front)	5.5 mm
Height (rear)	1.8 cm
Weight *	1.45 kg

Other features

LightScribe	✘
Infrared data port	✘
Graphics card family	Intel
Power supply type	AC/DC

Ports & interfaces		Other features	
CardBus PCMCIA slot type	✗	Intel segment tagging	Enterprise
SmartCard slot	✗		

Performance	
Motherboard chipset	Intel HM76 Express

Keyboard	
Pointing device	Touchpad

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