VivoPC VM40B
User Manual

E8486
First Edition
July 2013

SERVICE AND SUPPORT

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Contents

About this manual

This manual provides information about the hardware and software features of your PC , organized through the following chapters:

Chapter 1: Getting to know your VivoPC
　　This chapter details the hardware components of your VivoPC .

Chapter 2: Using your VivoPC
　　This chapter provides you with information on using your VivoPC .

Chapter 3: Optional upgrades
　　This chapter provides you with information on how to install optional upgrades for your VivoPC .

Appendices
　　This section includes notices and safety statements for your VivoPC .

Conventions used in this manual

To highlight key information in this manual, some text are presented as follows:

IMPORTANT! This message contains vital information that must be followed to complete a task.

NOTE: This message contains additional information and tips that can help complete tasks.

WARNING! This message contains important information that must be followed to keep you safe while performing certain tasks and prevent damage to your PC's data and components.

Typography

Bold text	Indicates a menu or an item to select.
Italic	This indicates sections that you can refer to in this manual.

Package contents

Your VivoPC package contains the following items:

Driver DVD

VivoPC VM40B

AC power adapter

Power cable

4 pcs. rubber heads for 3.5-inch HDD/drive tray adapter screws (A)*

4 pcs. black screws for HDD/drive tray adapter (B)*

Drive tray adapter*

IN SEARCH OF INCREDIBLE

Technical documentations

4 pcs. regular SSD screws (C)*
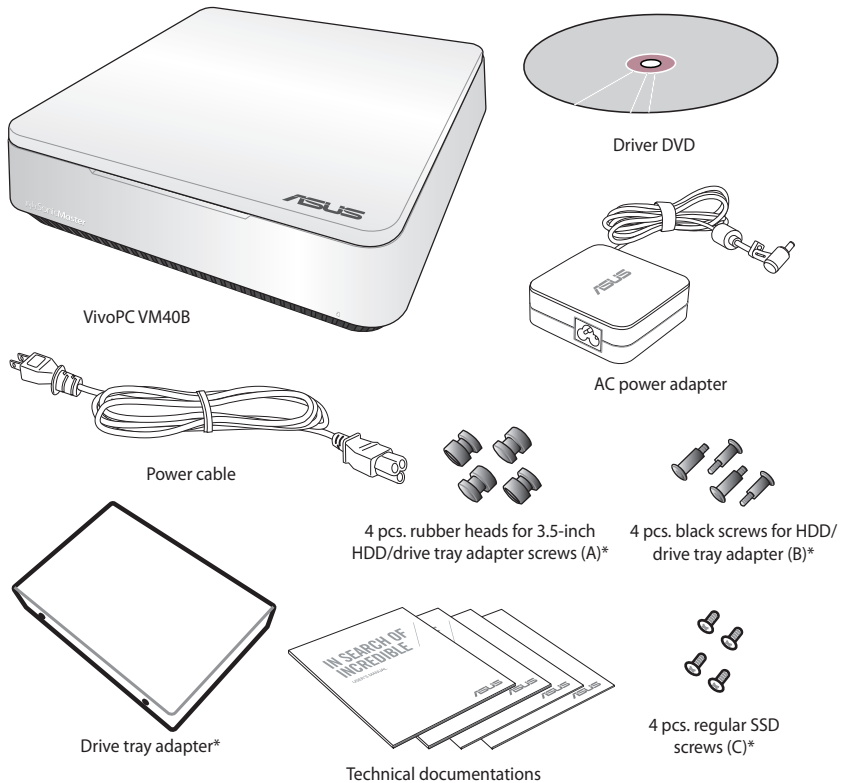
NOTES:

- Actual product specifications may vary with territories.

- If the device or its components fail or malfunction during normal and proper use within the warranty period, bring the warranty card to the ASUS Service Center for replacement of the defective components.

- Your VivoPC may not contain an internal HDD or SSD. To install an HDD or SSD in your VivoPC, refer to *Chapter 3: Optional upgrades* for details.

- *The availability and quantity of these items vary with your VivoPC package.

1

Getting to know your VivoPC

Features

Front
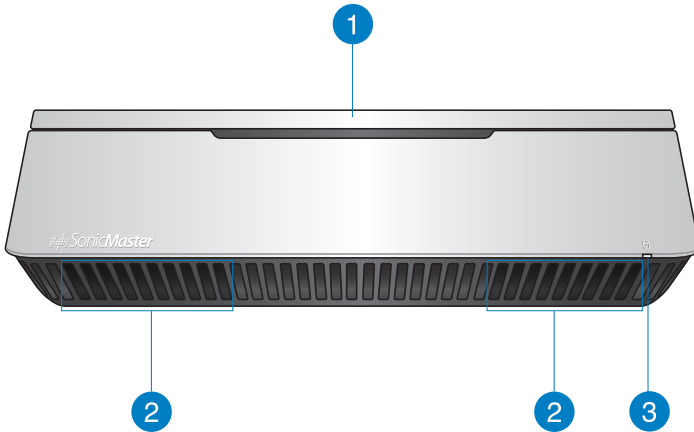
1	**Top cover**
	The removable top cover allows you access to the hard disk drive and the memory modules.
2	**Audio speakers**
	Your VivoPC uses SonicMaster technology to provide hi-fi sound quality, with richer bass sounds, straight from the built-in audio speakers.
3	**Drive activity indicator**
	This indicator lights up when your VivoPC is accessing the internal storage drive.

Left side
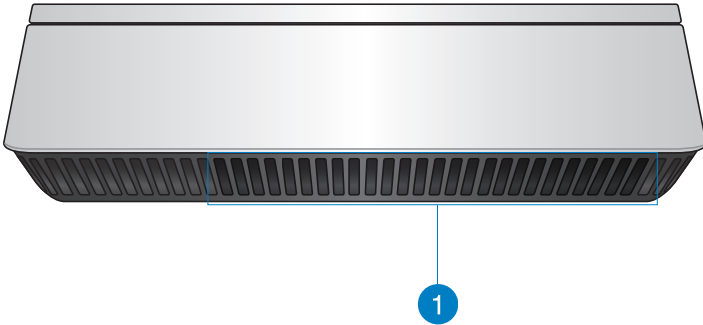
①	**Air vents**
	The air vents on the left side allows cooler air to enter your VivoPC chassis.
	IMPORTANT: For an optimum heat dissipation and air ventilation, ensure that the air vents are free from obstructions.

Rear
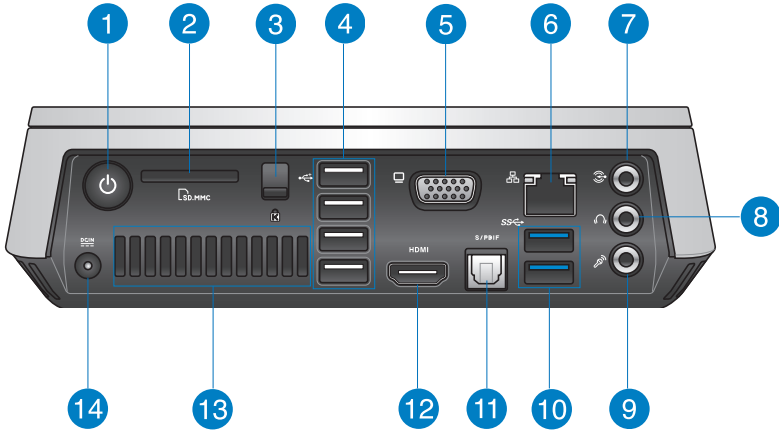
①   ⏻   Power button

The power button allows you to turn the VivoPC on or off. You can also use the power button to put your VivoPC to sleep mode.

②   Memory card slot

The built-in memory card reader enables your PC to read and write data to and from MMC/SD cards.

③   Top cover lock latch + Kensington security slot

The top cover lock latch fastens the top cover on your VivoPC.

The Kensington security slot allows you to secure your VivoPC using Kensington® security products.

④   USB 2.0 ports

The USB (Universal Serial Bus) 2.0 ports are compatible with USB 2.0/1.1 devices such as keyboards, mouse devices, cameras, and hard disk drives. USB allows many devices to run simultaneously on a single computer, with some peripheral acting as additional plug-in sites or hubs.

5 Display (Monitor) Output

The 15-pin D-sub monitor port supports a standard VGA-compatible device such as a monitor or projector to allow viewing on a larger external display.

6 LAN port

The eight-pin RJ-45 LAN port supports a standard Ethernet cable for connection to a local network.

7 Line-in port

The line-in port allows you to connect an external audio device such as an audio mixer, disc player, cassette tape player, or an additional microphone.

8 Headphone/Audio Out jack

The stereo headphone jack is used to connect the system's audio out signal to amplified speakers or headphones.

9 Microphone jack

The microphone jack is designed to connect the microphone used for video conferencing, voice narrations, or simple audio recordings.

10 USB 3.0 ports

These USB (Universal Serial Bus) ports provide a transfer rate of up to 5Gbit/s and are backward compatible with USB2.0.

11 Digital audio out port (S/PDIF optical)

The Sony/Philips Digital Interface (S/PDIF) optical out port allows you to transfer digital audio from your VivoPC into an amplifier or your TV.

12 HDMI port

The HDMI (High Definition Multimedia Interface) port supports a Full-HD device such as an LCD TV or monitor to allow viewing on a larger external display.

13   **Rear air vents**

The air vents on the rear allow warm air to exit the VivoPC.

> **IMPORTANT:** For an optimum heat dissipation and air ventilation, keep the air vents at least 10cm away from any obstructions.

14 DCIN **Power input (DC 19V)**

The supplied power adapter converts AC power to DC power for use with this jack. Power supplied through this jack supplies power to the PC. To prevent damage to the PC, always use the supplied power adapter.

> **WARNING!** The power adapter may become warm to hot when in use. Do not cover the adapter and keep it away from your body.

2

Using your VivoPC

Getting started

Connect the AC power adapter to your VivoPC

To connect the AC power adapter to your VivoPC:

A. Connect the AC power cord to the AC/DC adapter.

B. Plug the AC power cord into a 100V~240V power source.

C. Connect the DC power connector into your VivoPC's power (DC) input port.

> **NOTE:** The power adapter may vary in appearance, depending on models and your region.
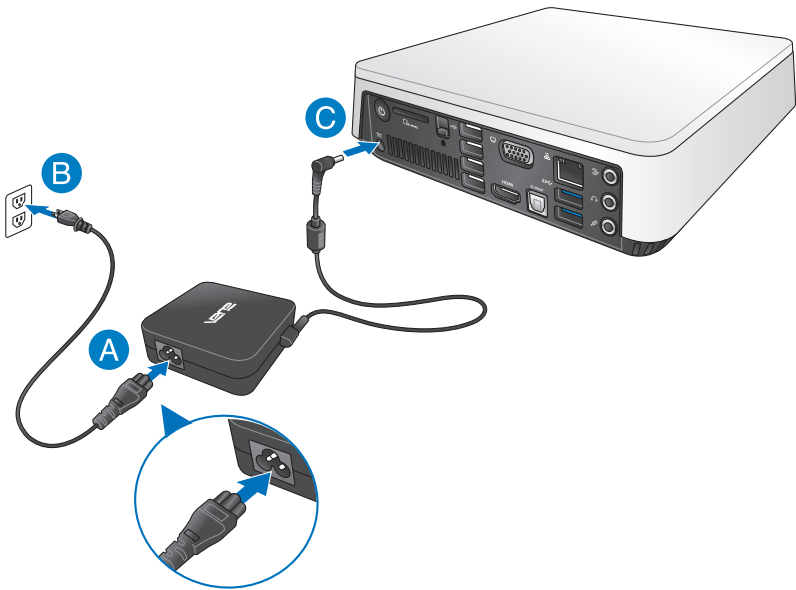
IMPORTANT!

- We strongly recommend that you use only the AC power adapter and cable that came with your VivoPC.

- We strongly recommend that you use a grounded wall socket while using your VivoPC.

- The socket outlet must be easily accessible and near your VivoPC.

- To disconnect your VivoPC from its main power supply, unplug your VivoPC from the power socket.

NOTE:

Power adapter information:

- Input voltage: 100-240Vac

- Input frequency: 50-60Hz

- Rating output current: 3.42A (65W)

- Rating output voltage: 19V

Connect a display panel to your VivoPC

You can connect a display panel or projector to your VivoPC that has the following connectors:

*   HDMI connector

*   D-Sub connector

*   DVI connector (use with an HDMI to DVI adapter or VGA to DVI adapter)

    NOTE: The HDMI to DVI adapter and VGA to DVI adapter are sold separately.

To connect a display panel to your VivoPC:

Connect a display cable either to the HDMI port or the VGA display port.

Connect display via HDMI port
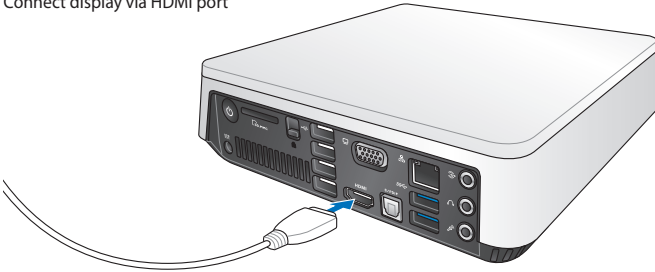
Connect display via VGA display port
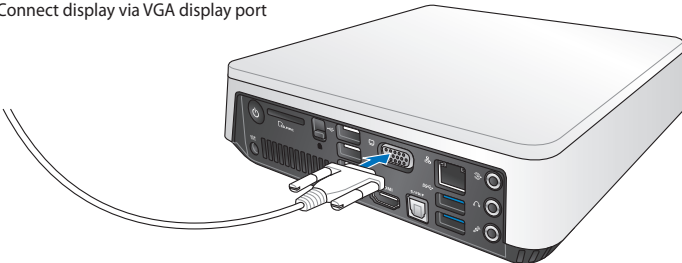
Connect the USB cable from keyboard or mouse

You can connect generally any USB keyboard and mouse to your VivoPC. You can also connect a USB dongle for a wireless keyboard and mouse set.

To connect a keyboard and mouse to your VivoPC:

Connect the USB cable from your keyboard and mouse, to any of the USB 2.0 ports of your VivoPC.

Connect keyboard or mouse via USB 2.0 port
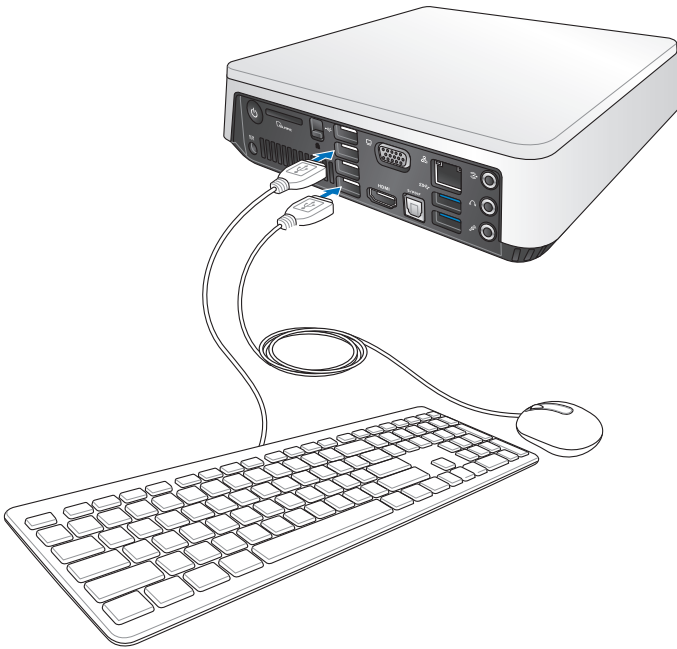
Turn on your Vivo PC

Press the power button to turn on your VivoPC.
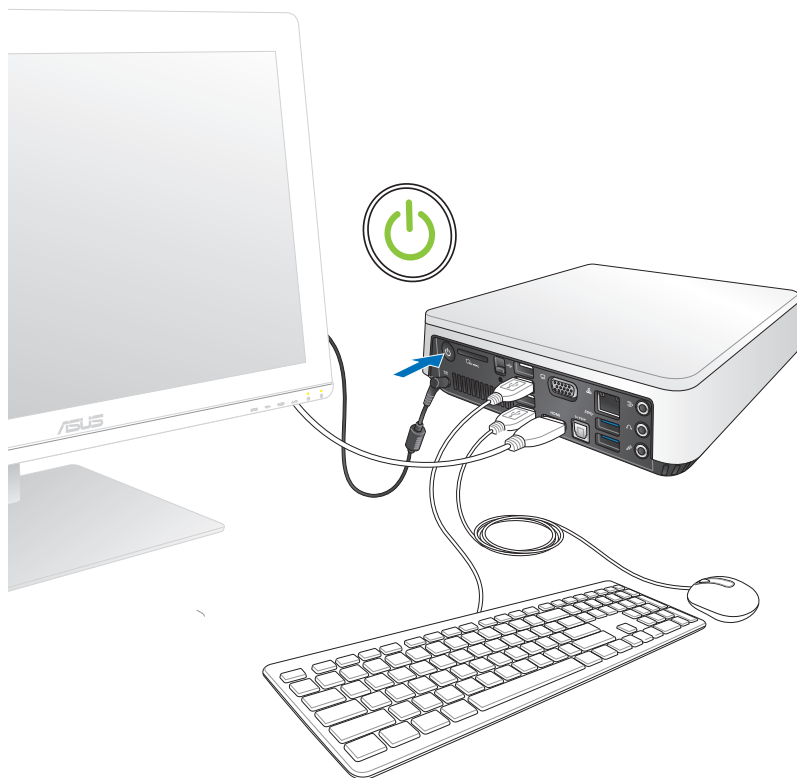
Turning your VivoPC off

If your VivoPC is unresponsive, press and hold the power button for at least four (4) seconds until your VivoPC turns off.

Putting your VivoPC to sleep

To put your VivoPC on Sleep mode, press the Power button once.

Entering the BIOS Setup

BIOS (Basic Input and Output System) stores system hardware settings that are needed for system startup in the VivoPC.

In normal circumstances, the default BIOS settings apply to most conditions to ensure optimal performance. Do not change the default BIOS settings except in the following circumstances:

- An error message appears on the screen during the system bootup and requests you to run the BIOS Setup.
- You have installed a new system component that requires further BIOS settings or update.

> **WARNING!** Inappropriate BIOS settings may result to instability or boot failure. We strongly recommend that you change the BIOS settings only with the help of a trained service personnel.

Quickly enter the BIOS

To quickly enter the BIOS:

- Press the power button for at least four (4) seconds to shut down your VivoPC, then press the power button again to turn your VivoPC back on, then press <F2> or <Del> during POST.

- When your PC is off, disconnect the power cord from your VivoPC's power connector. Reconnect the power cable and press the power button to turn on your VivoPC. Press <F2> or <Del> during POST.

NOTE: POST (Power-On Self Test) is a series of software controlled diagnostic tests that run when you turn on your PC.

3

Optional upgrades

Upgrading hard disk drives

You can either install a 3.5-inch Serial ATA hard disk drive (HDD) or a 2.5-inch SSD in your VivoPC.

When installing a 2.5-inch SSD, use the bundled 2.5-inch SSD to 3.5-inch drive tray adapter to conveniently secure your 2.5-inch SSD to the VivoPC's 3.5-inch drive bay.

Installing a 3.5-inch Serial ATA HDD

To install a 3.5-inch Serial ATA HDD:

1. Turn off your VivoPC.

2. Disconnect all cables and peripherals.

3. Place the VivoPC on a stable and flat surface.

4. Press down latch at the rear panel to release the top cover.

5. Slide the top cover towards the rear of VivoPC until it is detached from the chassis.

6.   Remove the cover and set aside.

Serial ATA connector

Serial ATA HDD drive bay
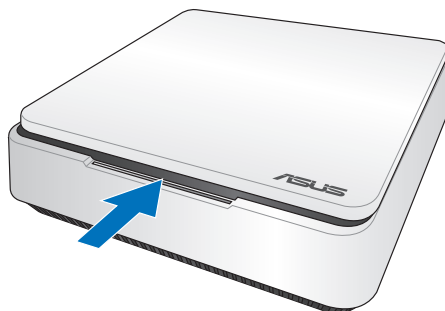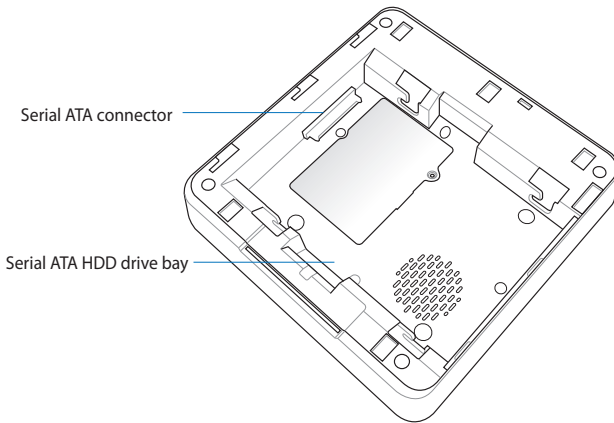
7.   Prepare a 3.5-inch Serial ATA HDD, the bundled four (4) black screws, and the bundled four (4) rubber heads for the black screws.

   NOTE: The availability and quantity of these items vary with your VivoPC package.

8.   Match and insert the black screws into the rubber heads.

9. Attach the black screws with rubber heads into the screw holes on the Serial ATA HDD.
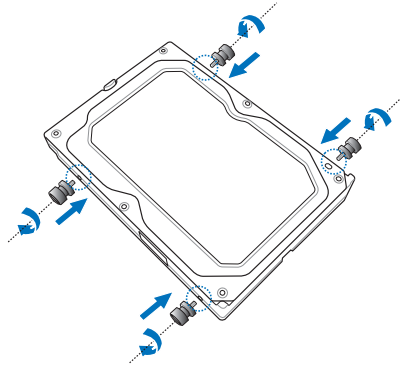
10. Position the Serial ATA HDD on top of the drive bay to an orientation where the HDD's SATA connectors are aligned to the SATA connector in the VivoPC drive bay.

11. Match the rubber heads of the black screws with the four screw slots on the drive bay.

12. Carefully, place the Serial ATA HDD into the drive bay, then slide the drive towards the SATA connector.

SATA connector

Rubber head screw slot

Rubber head screw slot

Rubber head screw slot
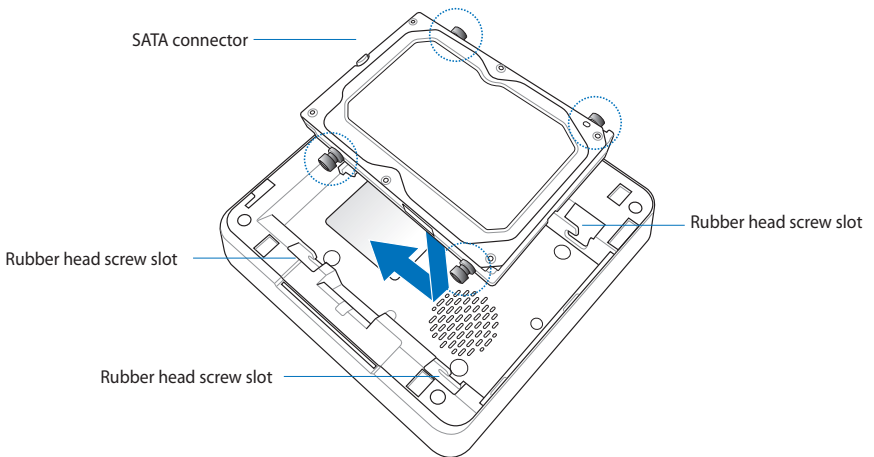
13. Ensure that the Serial ATA HDD is securely seated in place and the SATA connectors are connected properly.
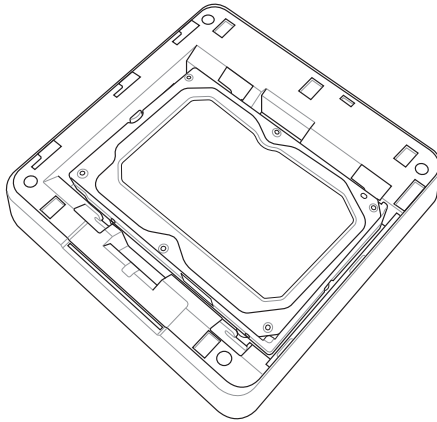
14. Replace the top cover then slide it towards the front of VivoPC to re-attach.

15. Lock the latch to securely fasten the top cover to the chassis.

Installing a 2.5-inch SSD

Before you start, prepare the following items:

- 2.5-inch to 3.5-inch drive tray adapter
- Four (4) pieces of SSD screws
- Three (3) pieces of black screws
- Three (3) pieces of rubber heads for the black screws
- 2.5-inch SSD with the desired volume, speed or capacity (purchased separately)

  NOTE: The availability and quantity of these items vary with your VivoPC package.

To install a 2.5-inch SSD:

1. Turn off your VivoPC.
2. Disconnect all cables and peripherals.
3. Place the VivoPC on a stable and flat surface.
4. Press down latch at the rear panel to release the top cover.

5. Slide the top cover towards the rear of VivoPC until it is detached from the chassis.

6. Remove the cover and set aside.

Serial ATA connector

Serial ATA HDD drive bay
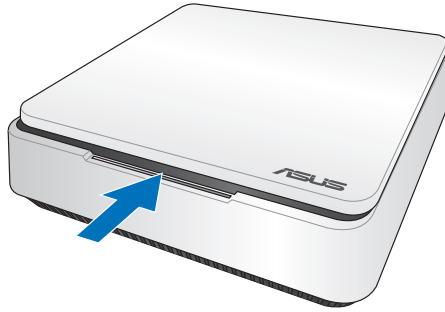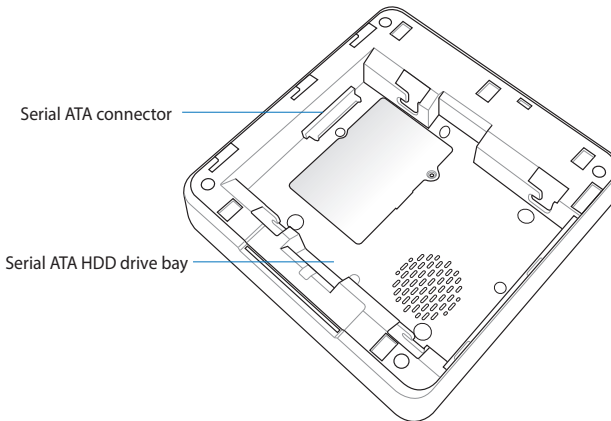
7. Position the SSD to the 2.5-inch slot on the underside of drive tray adapter and orient it in such way that the SSD SATA connectors are aligned towards the edge of drive tray adapter.

   Ensure that the SSD is placed with its bottom aligned to the underside of drive tray adapter and its SATA connectors are exposed (as shown.)

   SSD (bottom side)

   SATA connector

   2.5-inch to 3.5-inch drive tray adapter

   2.5-inch SSD slot
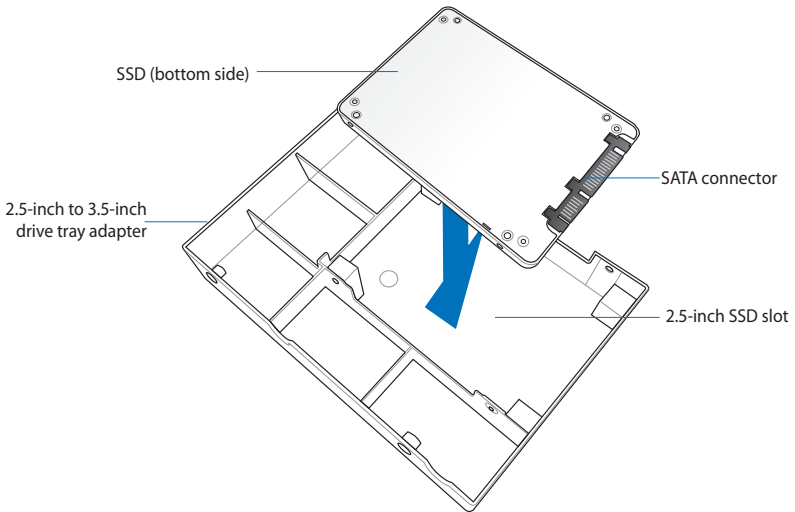
8. Fasten SSD into the drive tray adapter using the four (4) SSD screws.
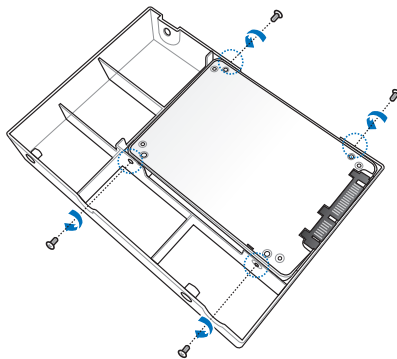
9. Match and insert each of the black screws into the rubber heads.

10. Attach the black screws with rubber heads into the available screw holes on the drive tray adapter (as indicated below).
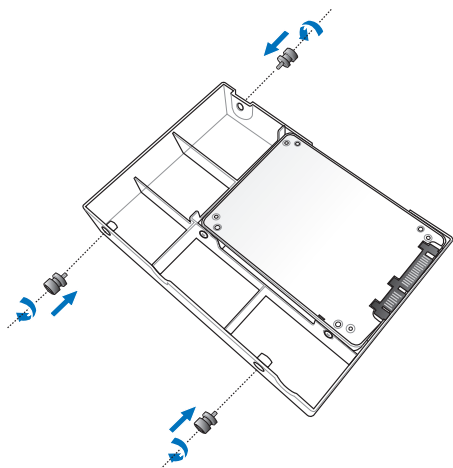
11. Position the drive tray adapter (with SSD) assembly on top of the drive bay to an orientation where the SSD's SATA connectors are aligned to the SATA connector in the VivoPC drive bay.

12. Match the rubber heads of the black screws with the three (3) screw slots on the drive bay.

13. Carefully, place the drive tray adapter (with SSD) into the drive bay, then slide the drive tray towards the SATA connector.

SATA connector

Rubber head screw slot

Rubber head screw slot

Rubber head screw slot
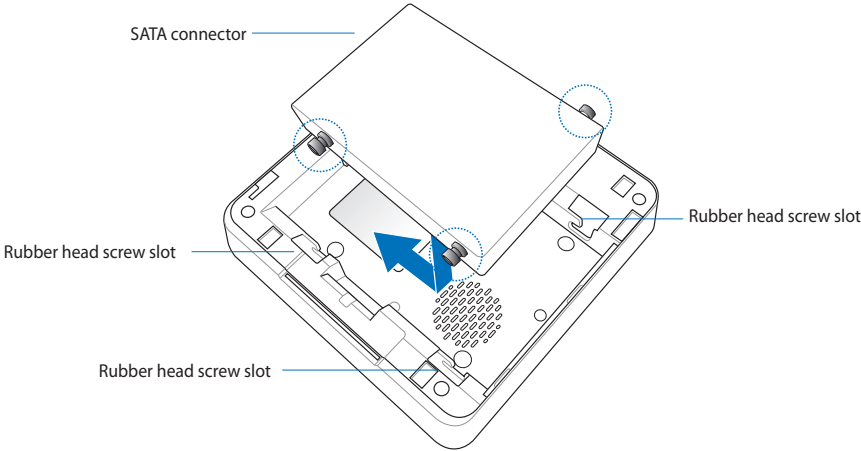
14. Ensure that the drive tray adapter (with SSD) is securely seated in place and the SATA connectors are connected properly.
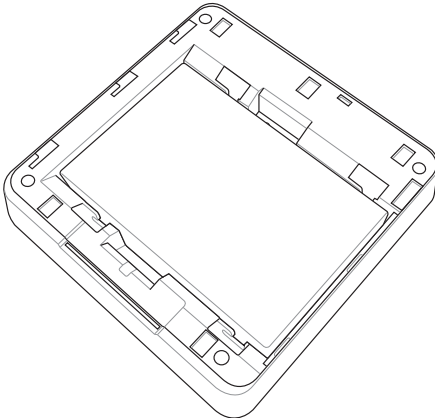
15. Replace the top cover then slide it towards the front of VivoPC to re-attach.
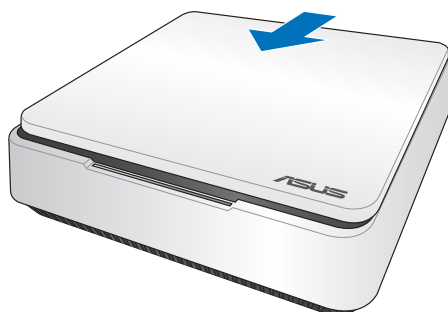
16. Lock the latch to securely fasten the top cover to the chassis.

Upgrading memory modules

Your VivoPC comes with two SO-DIMM memory slots that allows you to install two 2 GB, 4 GB, or 8GB unbuffered with non-ECC DDR3 SO-DIMMs (204 pin), for a maximum of 16 GB memory.

IMPORTANT:

- For optimum performance, install identical DDR3 (SO-DIMM) modules only.
- Always install SO-DIMMs with the same CAS latency.

NOTE: Your VivoPC comes with one (1) pre-installed DDR3 (SO-DIMM) module.

To install or upgrade the memory modules:

1. Turn off your VivoPC.
2. Disconnect all cables and peripherals.
3. Place the VivoPC on a stable and flat surface.
4. Press down latch at the rear panel to release the top cover.

5. Slide the top cover towards the rear of VivoPC until it is detached from the chassis.


6. Remove the cover and set aside.

SO-DIMM slot cover

Serial ATA HDD drive bay
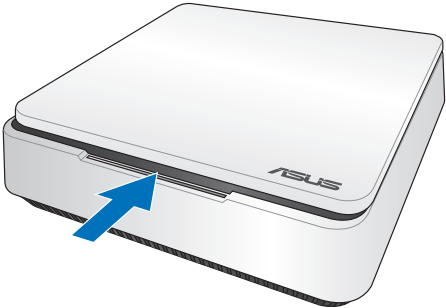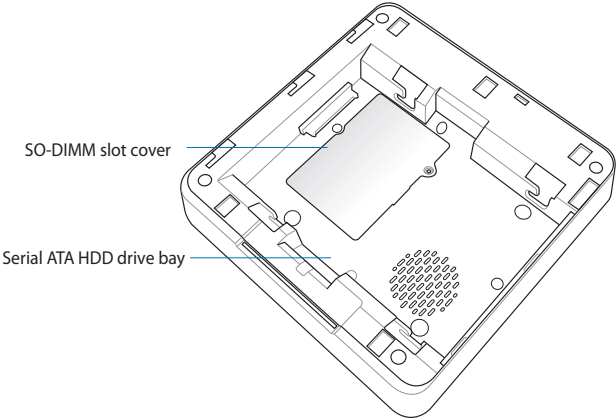
7. Prepare memory module.

8. Release the screw that secures the SO-DIMM slot cover, then pry the slot cover open.
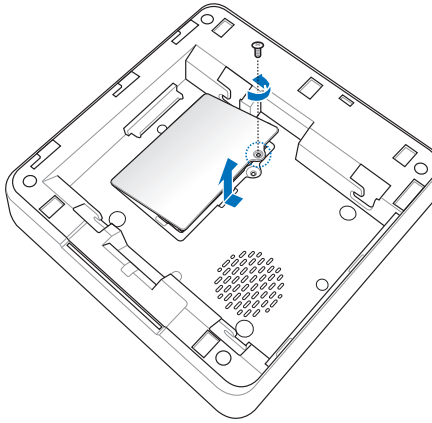
9. Align and insert the memory module into the slot (A) and press it down (B), until it is securely seated in place.
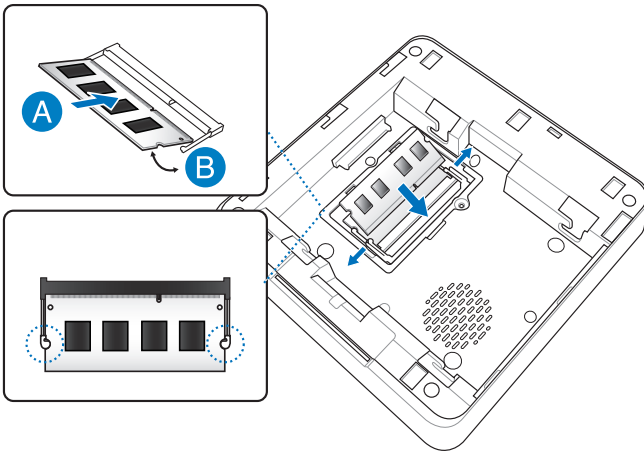
10. Replace the SO-DIMM slot cover and secure it with the screw.
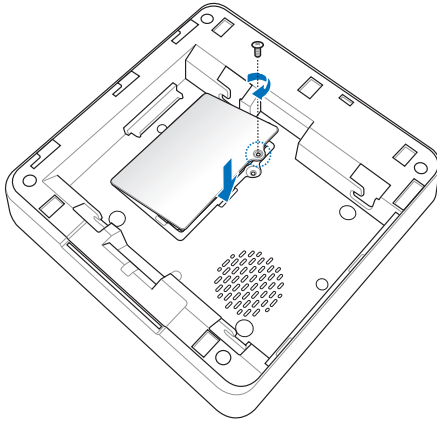
11. Replace the top cover then slide it towards the front of VivoPC to re-attach.
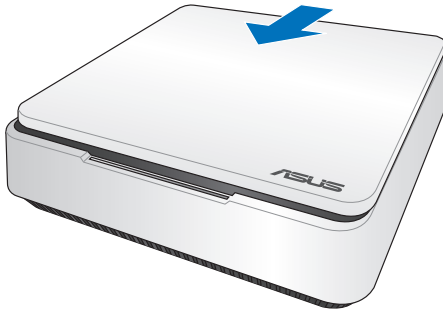
12. Lock the latch to securely fasten the top cover to the chassis.

VivoPC VM40B Memory configurations

Qualified Vendors List

DDR3 1600MHz

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional) 1 DIMMM added-on
A-DATA	AM1U16BC2P1	2GB	DS	-	3CCD-1211A	-	-	•
A-DATA	AM1U16BC4P2	4GB	DS	-	3CCD-1211A	-	-	•
Apacer	78.B2GCJ.9L10C	4GB	DS	-	AM5D5908DEQSCK	-	-	•
CORSAIR	CMSO16GX3M2A1600C11	16GB (2x8GB)	DS	-	NAC0301320	-	-	•
CORSAIR	CMSX8GX3M2A1600C9	8GB (2x4GB)	DS	-	-	-	-	•
G.SKILL	F3-12800CL9D-8GBSQ	8GB (2x4GB)	DS	-	D3256M8GE9	-	-	•
Hynix	HMT325S6CFR8A-PB	4GB	DS	-	H5TC2G83CFR	-	-	•
Hynix	HMT325S6CFR8C	2GB	DS	-	H5TQ2G83CFR	-	-	•
Hynix	HMT325S6EFR8A	2GB	DS	-	H5TC2G83EFR	-	-	•
Hynix	HMT351S6CFR8A-PB	8GB	DS	-	H5TC2G83CFR	-	-	•
Hynix	HMT351S6CFR8C	4GB	DS	-	H5TQ2G83CFR	-	-	•
Hynix	HMT351S6EFR8A	4GB	DS	-	H5TC2G83EFR	-	-	•
Hynix	HMT41GS6AFR8A-PB	8GB	DS	-	H5TC4G83AFR	-	-	•
Hynix	HMT425S6AFR6A-PB	2GB	SS	-	-	-	-	•
Hynix	HMT451S6AFR8A-PB	4GB	DS	-	H5TC4G83AFR	-	-	•
KINGSTON	KVR16S11/2	2GB	DS	-	D2568JERDPGGBU	-	-	•
KINGSTON	KVR16S11/2	2GB	DS	-	D2568JERDPGGBU	-	-	•
KINGSTON	KVR16S11/2	2GB	DS	-	H5TQ2G83CFR	-	-	•
KINGSTON	KVR16S11/4	4GB	DS	-	H5TQ2G83CFR	-	-	•
KINGSTON	KVR16S11/4	4GB	DS	-	NT5CC256MBGN-DI	-	-	•
KINGSTON	KVR16S11S8/4	4GB	DS	-	J4208BBBG-GN-F	-	-	•
PSC	AS9F8L93B-GN2E	4GB	DS	-	A3P4GF3BLF	-	-	•
PSC	ASAF8L93B-GN2E	8GB	DS	-	A3P4GF3BLF	-	-	•
Transcend	JM1600KSN-4G	4GB	DS	-	TK483EDF3	-	-	•

DDR3 1333MHz

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional) 1 DIMM added-on
A-DATA	AD3S1333C4G9	4GB	DS	-	3CCD-1509A	-	-	●
A-DATA	AM1U139C2P1	2GB	DS	-	3CCD-1509A	-	-	●
A-DATA	EL73L1C167HZ1	4GB	DS	-	J2108BDBG-GN-F	-	-	●
Apacer	78.A2GC6.9L1	2GB	DS	-	AM5D5808DEWSBG	-	-	●
CORSAIR	CMSO4GX3M2A1333C9	2GB	DS	-	128M8DCJGNAC0881108	-	-	●
CORSAIR	CMSO8GX3M1A1333C9	8GB	DS	-	ELB0301319	-	-	●
CORSAIR	CMSO8GX3M2A1333C9	4GB	DS	-	256M8DCJGNAB0501108	-	-	●
CORSAIR	CMSO8GX3M2A1333C9	8GB (2x4GB)	DS	-	ELD0301320	-	-	●
GEIL	GS34GB1333C9DC	2GB	DS	-	H5TQ2G83CFR	-	-	●
GEIL	GS38GB1333C9DC	4GB	DS	-	512X8DDR3	-	-	●
Hynix	HMT325S6BFR8C-H9	2GB	DS	-	-	-	-	●
Hynix	HMT351S6BFR8C-H9	4GB	DS	-	H5TQ2G83BFRH9C	-	-	●
INNODISK	M3SN-2GHJCC09	2GB	DS	-	H5TQ2G83CFRH9C	-	-	●
INNODISK	M3SN-4GHJDC09	4GB	DS	-	H5TQ2G83CFRH9C	-	-	●
INNODISK	M3SN-4GHJDC09	4GB	DS	-	H5TQ3G83CFRH9C	-	-	●
KINGSTON	KVR1333D3S8S9/2G	2GB	DS	-	D2568JERDPGGBU	-	-	●
KINGSTON	KVR1333D3S8S9/2G	2GB	DS	-	D2568JERDPGGBU	-	-	●
KINGSTON	KVR1333D3S8S9/2G	2GB	DS	-	H5TQ2G83BFR	-	-	●
Kingston	KVR1333D3S9/1G	1GB	DS	-	D1288JEMFPGD9U	-	-	●
Kingston	KVR1333D3S9/2G	2GB	DS	-	D1288JPNDPLD9U	-	-	●
Kingston	KVR1333D3S9/4G	4GB	DS	-	H5TQ2G83BFRH9C	-	-	●
KINGSTON	KVR1333D3S9/4G	4GB	DS	-	J2108BDBG-DJ-F	-	-	●
KINGSTON	KVR13S9S8/4	4GB	DS	-	J4208BBBG-GN-F	-	-	●
NANYA	NT2GC64B88B0NS-CG	2GB	DS	-	NT5CB256M8BN-CG	-	-	●
NANYA	NT4GC64B8HB0NS-CG	4GB	DS	-	NT5CB256M8BN-CG	-	-	●
SAMSUNG	M471B5273CH0-CH9	4GB	DS	-	K4B2G0846C	-	-	●
SAMSUNG	M471B5773DH0-CH9	2GB	DS	-	-	-	-	●
Transcend	JM1333KSN-2G	2GB	DS	-	PE913-15E	-	-	●
Transcend	JM1333KSN-4G	4GB	DS	-	J2108BDBG-DJ-F	-	-	●
Transcend	JM1333KSN-4G	4GB	DS	-	TK483EDF3	-	-	●
Transcend	TS256MSK64V3N	2GB	DS	-	K4B2G0846D	-	-	●
Transcend	TS512MSK64V3N	4GB	DS	-	K4B2G0846C	-	-	●

Appendix

Safety information

Your VivoPC is designed and tested to meet the latest standards of safety for information technology equipment. However, to ensure your safety, it is important that you read the following safety instructions.

Setting up your system

- Read and follow all instructions in the documentation before you operate your system.
- Do not use this product near water or a heated source.
- Set up the system on a stable surface.
- Openings on the chassis are for ventilation. Do not block or cover these openings. Make sure you leave plenty of space around the system for ventilation. Never insert objects of any kind into the ventilation openings.
- Use this product in environments with ambient temperatures between 0˚C and 35˚C.
- If you use an extension cord, make sure that the total ampere rating of the devices plugged into the extension cord does not exceed its ampere rating.

Care during use

- Do not walk on the power cord or allow anything to rest on it.
- Do not spill water or any other liquids on your system.
- When the system is turned off, a small amount of electrical current still flows. Always unplug the power cord from the power outlets before cleaning the system.
- If you encounter the following technical problems with the product, unplug the power cord and contact a qualified service technician or your retailer.
  - The power cord or plug is damaged.
  - Liquid has been spilled into the system.
  - The system does not function properly even if you follow the operating instructions.
  - The system was dropped or the cabinet is damaged.
  - The system performance changes.

Lithium-Ion Battery Warning

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

NO DISASSEMBLY

The warranty does not apply to the products that have been disassembled by users

DO NOT throw the VivoPC in municipal waste. This product has been designed to enable proper reuse of parts and recycling. This symbol of the crossed out wheeled bin indicates that the product (electrical, electronic equipment, and mercury-containing button cell battery) should not be placed in municipal waste. Check local technical support services for product recycling.

Regulatory notices

REACH

Complying with the REACH (Registration, Evaluation, Authorization, and Restriction of Chemicals) regulatory framework, we publish the chemical substances in our products at ASUS REACH website at **http://csr.asus.com/english/REACH.htm**

ASUS Recycling/Takeback Services

ASUS recycling and takeback programs come from our commitment to the highest standards for protecting our environment. We believe in providing solutions for you to be able to responsibly recycle our products, batteries, other components, as well as the packaging materials. Please go to **http://csr.asus.com/english/Takeback.htm** for the detailed recycling information in different regions.

COATING NOTICE

IMPORTANT!   To provide electrical insulation and maintain electrical safety, a coating is applied to insulate the device except on the areas where the I/O ports are located.

Federal Communications Commission Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with manufacturer's instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to

radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

RF exposure warning

This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provide with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Declaration of Conformity (R&TTE directive 1999/5/EC)

The following items were completed and are considered relevant and sufficient:

- Essential requirements as in [Article 3]
- Protection requirements for health and safety as in [Article 3.1a]
- Testing for electric safety according to [EN 60950]
- Protection requirements for electromagnetic compatibility in [Article 3.1b]
- Testing for electromagnetic compatibility according to [EN 301 489-1] & [EN 301 489-17]
- Effective use of the radio spectrum as in [Article 3.2]
- Radio test suites according to [EN 300 328-2]

France Restricted Wireless Frequency Bands

Some areas of France have a restricted frequency band. The worst case maximum authorized power indoors are:

- 10mW for the entire 2.4 GHz band (2400 MHz–2483.5 MHz)
- 100mW for frequencies between 2446.5 MHz and 2483.5 MHz

> **NOTE:** Channels 10 through 13 inclusive operate in the band 2446.6 MHz to 2483.5 MHz.

There are few possibilities for outdoor use: On private property or on the private property of public persons, use is subject to a preliminary authorization procedure by the Ministry of Defense, with maximum authorized power of 100mW in the 2446.5–2483.5 MHz band. Use outdoors on public property is not permitted.

In the departments listed below, for the entire 2.4 GHz band:

- Maximum authorized power indoors is 100mW
- Maximum authorized power outdoors is 10mW

Departments in which the use of the 2400–2483.5 MHz band is permitted with an EIRP of less than 100mW indoors and less than 10mW outdoors:

01	Ain	02	Aisne	03	Allier
05	Hautes Alpes	08	Ardennes	09	Ariège
11	Aude	12	Aveyron	16	Charente
24	Dordogne	25	Doubs	26	Drôme
32	Gers	36	Indre	37	Indre et Loire
41	Loir et Cher	45	Loiret	50	Manche
55	Meuse	58	Nièvre	59	Nord
60	Oise	61	Orne	63	Puy du Dôme
64	Pyrénées Atlantique	66	Pyrénées Orientales	67	Bas Rhin
70	Haute Saône	71	Saône et Loire	75	Paris
82	Tarn et Garonne	84	Vaucluse	88	Vosges
89	Yonne	90	Territoire de Belfort	94	Val de Marne

This requirement is likely to change over time, allowing you to use your wireless LAN card in more areas within France. Please check with ART for the latest information (www.art-telecom.fr)

> **NOTE:** Your WLAN Card transmits less than 100mW, but more than 10mW.

Canadian Department of Communications Statement

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

This class B digital apparatus complies with Canadian ICES-003.

IC Radiation Exposure Statement for Canada

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with IC RF exposure compliance requirements, please avoid direct contact to the transmitting antenna during transmitting. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Operation is subject to the following two conditions:

- This device may not cause interference and
- This device must accept any interference, including interference that may cause undesired operation of the device.

CE Mark Warning

C €

CE marking for devices without wireless LAN/Bluetooth

The shipped version of this device complies with the requirements of the EEC directives 2004/108/EC "Electromagnetic compatibility" and 2006/95/EC "Low voltage directive".

C € ①

CE marking for devices with wireless LAN/ Bluetooth

This equipment complies with the requirements of Directive 1999/5/EC of the European Parliament and Commission from 9 March, 1999 governing Radio and Telecommunications Equipment and mutual recognition of conformity.

Wireless Operation Channel for Different Domains

N. America	2.412-2.462 GHz	Ch01 through CH11
Japan	2.412-2.484 GHz	Ch01 through Ch14
Europe ETSI	2.412-2.472 GHz	Ch01 through Ch13

ENERGY STAR complied product

ENERGY STAR is a joint program of the U.S. Environmental Protection Agency and the U.S. Department of Energy helping us all save money and protect the environment through energy efficient products and practices.

All ASUS products with the ENERGY STAR logo comply with the ENERGY STAR standard, and the power management feature is enabled by default. The monitor and computer are automatically set to sleep after 15 and 30 minutes of user inactivity. To wake your computer, click the mouse or press any key on the keyboard.

Please visit http://www.energy.gov/powermanagement for detail information on power management and its benefits to the environment. In addition, please visit http://www.energystar.gov for detail information on the ENERGY STAR joint program.

> **NOTE:** Energy Star is NOT supported on FreeDOS and Linux-based products.

ASUS contact information

ASUSTeK COMPUTER INC.
Address	15 Li-Te Road, Peitou, Taipei, Taiwan 11259
Telephone	+886-2-2894-3447
Fax	+886-2-2890-7798
E-mail	info@asus.com.tw
Web site	www.asus.com.tw

Technical Support
Telephone	+86-21-38429911
Online support	support.asus.com

ASUS COMPUTER INTERNATIONAL (America)
Address	800 Corporate Way, Fremont, CA 94539, USA
Telephone	+1-812-282-3777
Fax	+1-510-608-4555
Web site	usa.asus.com

Technical Support
Telephone	+1-812-282-2787
Support fax	+1-812-284-0883
Online support	support.asus.com

ASUS COMPUTER GmbH (Germany and Austria)
Address	Harkort Str. 21-23, D-40880 Ratingen, Germany
Fax	+49-2102-959911
Web site	www.asus.de
Online contact	www.asus.de/sales

Technical Support
Telephone	+49-1805-010923*
Support Fax	+49-2102-9599-11*
Online support	support.asus.com

* EUR 0.14/minute from a German fixed landline; EUR 0.42/minute from a mobile phone.

Manufacturer	ASUSTeK Computer Inc.	
	Tel:	+886-2-2894-3447
	Address:	No. 150, LI-TE RD., PEITOU, TAIPEI 112, TAIWAN R.O.C
Authorised representative in Europe	ASUSTeK Computer GmbH	
	Address:	HARKORT STR. 21-23, 40880 RATINGEN, GERMANY

DECLARATION OF CONFORMITY

Per FCC Part 2 Section 2. 1077(a)

Responsible Party Name: **Asus Computer International**

Address: **800 Corporate Way, Fremont, CA 94539.**

Phone/Fax No: **(510)739-3777/(510)608-4555**

hereby declares that the product

Product Name : Vivo PC

Model Number : VM40B

Conforms to the following specifications:

⊠   FCC Part 15, Subpart B, Unintentional Radiators

Supplementary Information:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Representative Person's Name :   **Steve Chang / President**

Signature :   *Steve Chang*

Date :   **Jul. 28, 2013**

Ver. 120601

EC Declaration of Conformity

Inspiring Innovation • Persistent Perfection

We, the undersigned,

Manufacturer:	ASUSTeK COMPUTER INC.
Address, City:	4F, No. 150, LI-TE Rd., PEITOU, TAIPEI 112, TAIWAN
Country:	TAIWAN
Authorized representative in Europe:	ASUS COMPUTER GmbH
Address, City:	HARKORT STR. 21-23, 40880 RATINGEN
Country:	GERMANY

declare the following apparatus:

Product name :	Vivo PC
Model name :	VM40B

conform with the essential requirements of the following directives:

☒**2004/108/EC-EMC Directive**

☒ EN 55022:2010	☒ EN 55024:2010
☒ EN 61000-3-2:2006+A2:2009	☒ EN 61000-3-3:2008
☐ EN 55013:2001+A1:2003+A2:2006	☐ EN 55020:2007+A11:2011

☒**1999/5/EC-R &TTE Directive**

☒ EN 300 328 V1.7.1(2006-10)	☒ EN 301 489-1 V1.9.2(2011-09)
☐ EN 300 440-1 V1.6.1(2010-08)	☐ EN 301 489-3 V1.4.1(2002-08)
☐ EN 300 440-2 V1.4.1(2010-08)	☐ EN 301 489-4 V1.4.1(2009-05)
☐ EN 301 511 V9.0.2(2003-03)	☐ EN 301 489-7 V1.3.1(2005-11)
☐ EN 301 908-1 V5.2.1(2011-05)	☐ EN 301 489-9 V1.4.1(2007-11)
☐ EN 301 908-2 V5.2.1(2011-07)	☒ EN 301 489-17 V2.1.1(2009-05)
☒ EN 301 893 V1.6.1(2011-11)	☐ EN 301 489-24 V1.5.1(2010-09)
☐ EN 302 544-2 V1.1.1(2009-01)	☐ EN 302 326-2 V1.2.2(2007-06)
☐ EN 302 623 V1.1.1(2009-01)	☐ EN 302 326-3 V1.3.1(2007-09)
☐ EN 50360:2001	☐ EN 301 357-2 V1.4.1(2008-11)
☐ EN 62479:2010	☐ EN 302 291-1 V1.1.1(2005-07)
☐ EN 50385:2002	☐ EN 302 291-2 V1.1.1(2005-07)
☐ EN 62311:2008	

☒**2006/95/EC-LVD Directive**

☒ EN 60950-1 / A12:2011	☐ EN 60065:2002 / A12:2011

☒**2009/125/EC-ErP Directive**

☒ Regulation (EC) No. 1275/2008	☐ Regulation (EC) No. 278/2009
☐ Regulation (EC) No. 642/2009	

☒**2011/65/EU-RoHS Directive**   Ver. 130208

☒**CE marking**

C E ① (EC conformity marking)

Position : **CEO**

Name : **Jerry   Shen**

Declaration Date: 28/07/2013

Year to begin affixing CE marking:2013

Signature : _____