

User Guide

Rev. 1.02

Generally for Comay SSD with SATA Interface like Venus、Venus Pro、Pluto SP、Pluto SV、Pluto SW series, etc.

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Features

Backup Power Design *1

Comay Solid State Drive has an In-Drive UPS. The In-Drive UPS can keep working for four times longer time than the SSD need to flush the cached data back to Nand Flash during any unexpected host power spikes, dips or failures. It can greatly reduce the risk of data loss or even become a dead “Brick”.

Optimization Toolbox

There is a useful optimization toolbox along with Comay SSDs. It can easily help you to monitor the key factors of your SSDs. More importantly, it can help to optimize both of hardware and software settings, for instance, AHCI mode, disk partition alignment, to reach the performance limit of the SSD can deliver.

*1. Not for some Series like Venus; for more detailed information, see your SSD's label.

Passed CR-E/CR-C Standardized Test*2

The Quality of Comay SSDs is fully guaranteed by CR-E or CR-C test. It is a extreme strict standardized compound continues test, including a -40°C to +85°C test, a 10000 times sleep-wake up test and a data burn-in test. It is much harder than common product and test criterion. The standardized test can avoid mistakes made by human.

Overload Protection

SSDs always encounter unstable current due to variety of reasons such as power impulse, short circuit, thunder, host power problems, hand touch, etc. With a sophisticated design, Comay SSDs can switch off unstable power supply before damage is made to your SSDs. Since that, you can keep both of your SSDs and your data safe.

*2. Test in Lab in the phase of R&D. Not every SSD needs to have such test. Meanwhile, the test is destructive.

Installation

Congratulations on choosing a Comay Solid State Drive (SSD). The Comay SSD is ideal for use in critical environment need for performance. The following instructions provide general installation and handling information for your device or system.

Preparation before Use

Keep your Comay SSD away from direct sunlight, moisture and temperature extremes. Do not bend, flex or drop your Comay SSD. Misuse will void the warranty.

Installation

1. Back up your data before installing.
2. Power off your system, disconnect the main power, such as power cord or battery.
3. Refer to the User's Manual of your system or device on how to remove the outer case and where the SATA connectors are located on your motherboard.
4. Connect the SATA SSD to the SATA data cable and insert the SATA cable into the SATA connector on the motherboard. Connect the SATA SSD to the SATA power connector.
5. SATA uses a point to point protocol; therefore, no setting of jumpers for master/slave functionality is required.

6. Once you have completed installing the SATA SSD, close the case and reconnect the system power to the device. In the case of a laptop, it may be necessary to reconnect the battery.

Formatting SSD Drive in WINDOWS

The Comay SATA SSD may come un-formatted. It is possible to format the drive under DOS using the standard tools, or within the Windows environment under the My Computer/Drive letter tab using a right mouse click and select the “format” option.

Optimization

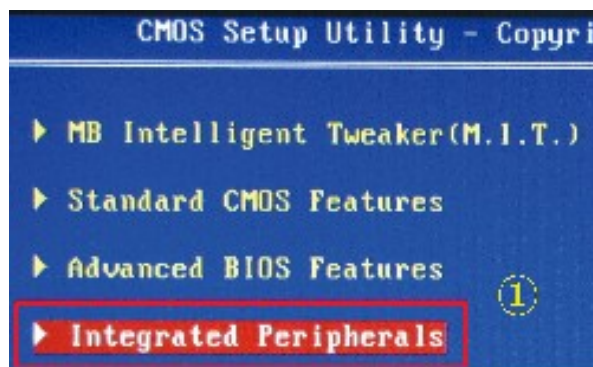
To reach the best performance, you should set your SATA Control Mode to AHCI, and make sure your partition is well aligned for 4KB offset. We strongly recommend you use the optimization toolbox to handle it. It is easier and safer. However, you can do it manually.

1. AHCI mode settings

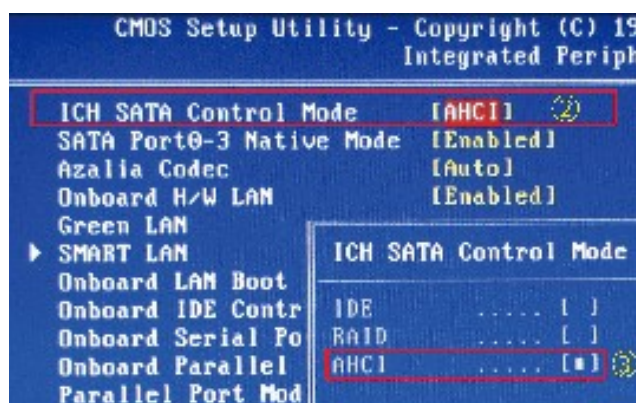
Make sure your motherboard supports AHCI Mode. If your motherboard has the ICH7 or later chip set, or you can find the AHCI option in your bios, we can determine AHCI is supported.

2. Settings of AHCI

Refer to the User’s Manual of your system or device on how to set AHCI Mode. Or, enter your bios, find “Integrated Peripherals”



Then find “On Chip SATA Type” or “SATA Control Mode” (the menu varies in name due to different motherboard) and then choose “AHCI”.



3. Once you have completed AHCI settings, reboot your system and prepare to format your SSD drive.

4. Format your SSD drive under Windows 7, Windows 2008 R2. If you have no such environment, please download the optimization tools from our website. It can easily handle it by mouse clicks.

5. Any problem or help, please contact your sales agency, or call us for technical support.

Warranty

Limited Warranty

Comay SSDs are warranted and tested to be free from defects in material and workmanship and to conform to the published specifications. Should your Comay SSDs failure within the warranty period fall under normal use in the recommended environment due to improper workmanship or materials, CoreRise will repair the product or replace it with a comparable or better unit. This warranty is subject to the conditions and limitations set forth herein.

Warranty Duration

The Comay product is covered by this warranty for 3 years from the date of purchase. Proof of purchase including the date of purchase is required to collect on the warranty. CoreRise will inspect the product and decide whether to repair or replace it. CoreRise reserves the right to provide a functional equivalent product, or a refurbished replacement product.

Limitations

This warranty does not apply to product failure caused by accidents, abuse, mishandling, improper installation, alteration, acts of nature, improper usage, or problems with electrical power. In addition, opening or tampering with the product casing, or any physical damage, abuse or alteration to the product's surface, including all warranty or quality stickers, product serial or electronic numbers will also void the product warranty. CoreRise is NOT responsible for recovering any data lost due to the failure of a Flash memory device. Comay products must be used with devices that conform to the recommend industry standards. CoreRise will not be liable for damages resulting from a third party device that causes the CoreRise product to fail. CoreRise shall in no event be liable for any consequential, indirect, or incidental damages, lost profits, lost business investments, lost goodwill, or interference with business relationships as a result of lost data. CoreRise is also Not responsible for damage or failure of any third party equipment, even if CoreRise has been advised of the possibility. This limitation does not apply to the extent making it illegal or unenforceable under applicable law.



Website: <http://www.CoreRise.com>

Forum: <http://forum.CoreRise.com>

Technical Support: Support@CoreRise.com

Suggestion or Complaint: CnA@CoreRise.com

Distributor/Agency: Sales@CoreRise.com

Service Hotline : (86) - 512 - 8885 - 2270

FCC STATEMENT

1. 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.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC ID: ZSQ-PLUTO

NOTE: 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 the 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 into 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.