X-PHY®
Hardware Cybersecurity



X-PHY® Guard
Quick Start Guide

(version 4.03)

www.x-phy.com

Table of Contents

Safety Precautions 3

Prerequisites 4

Installation 5

Partition Creation 6

Registration 7

Subscription License Activation 8

Introduction to X-PHY Guard PC Application 9

Configuration 10

Subscription License Portal 11

Safety Precautions

WARNING!

Do not heat, disassemble nor dispose of in fire.

The insulation materials may cause fire, heat generation, leakage or even bursting.

Do not short circuit

If the positive (+) and negative (–) terminals contact any metal, a short circuit may occur. As a result, fire, heat generation, leakage or bursting may occur.

Keep batteries out of children's reach

When storing the batteries, keep the batteries out of reach of children. If a battery is swallowed, consult a physician immediately.

If the battery alkaline liquid leaks into the eyes, do not rub them, rinse your eyes with clean water and consult a physician immediately.

If the battery alkaline liquid leaked and spills onto clothing, to protect from irritation, remove and wash them with clean water immediately.

⚠ CAUTION

*Do not use or expose the batteries to direct sunlight or in areas with high-temperature.

*Avoid exposing the batteries to any form of liquids.

*In case of disposal, insulate between (+) and (-) of battery by using an insulating material. i.e.(Natural fibres, Polystyrene.)

Prerequisites

- Valid email account(s) for X-PHY SSD OTP and X-PHY Members account.
- Stable internet connection.
- Minimum Microsoft Windows 10/11.
- Android/iOS mobile device.

⚠ Ensure the installation is performed in a secure environment. (example: Non-Public Places)

Step 1: Downloading of the application

- Download and Install the X-PHY Guard

X-PHY Guard (Windows 10/11)

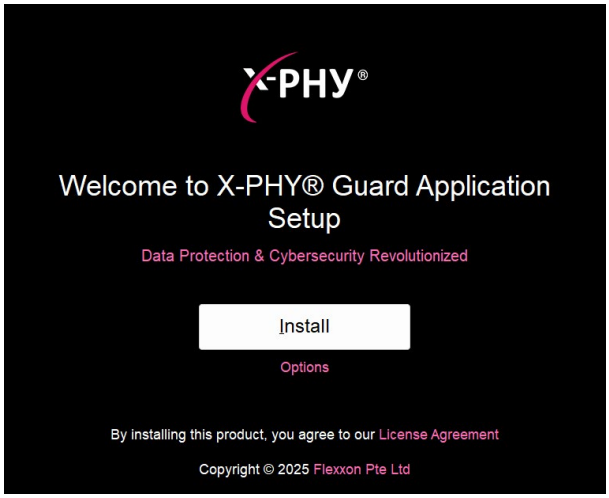
⚠ *Ignore this step if the application is pre-installed, skip to Registration (page 7).*

⚠ ***Ensure you meet the above system requirements before downloading.***
*Please take note that if you have an Antivirus Software installed, it may prompt a notification asking for permission to install the X-PHY Guard. Click on "**Allow**" to add into whitelist.*

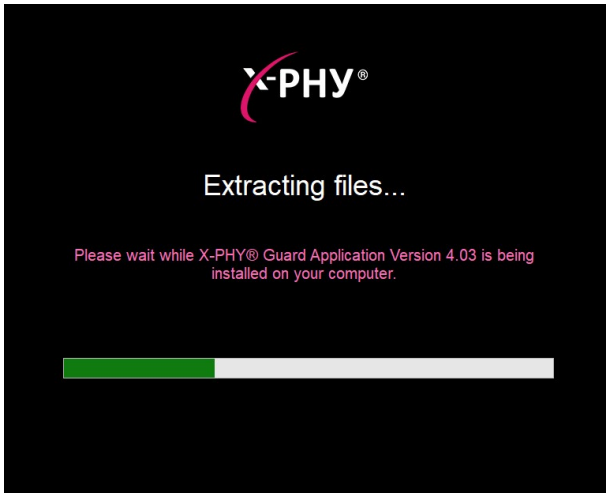
Installation

Step 1: Click on the **"Install"** button

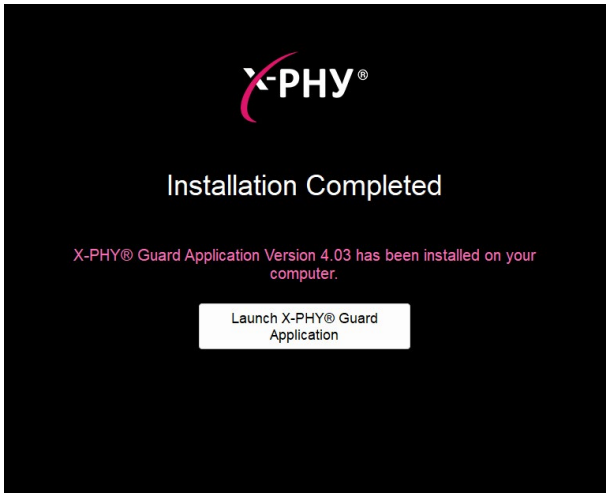
(Note: click '**Options**' for more choices if required, but it is highly recommended to use the default settings.)



Step 2: Wait for installation to complete.

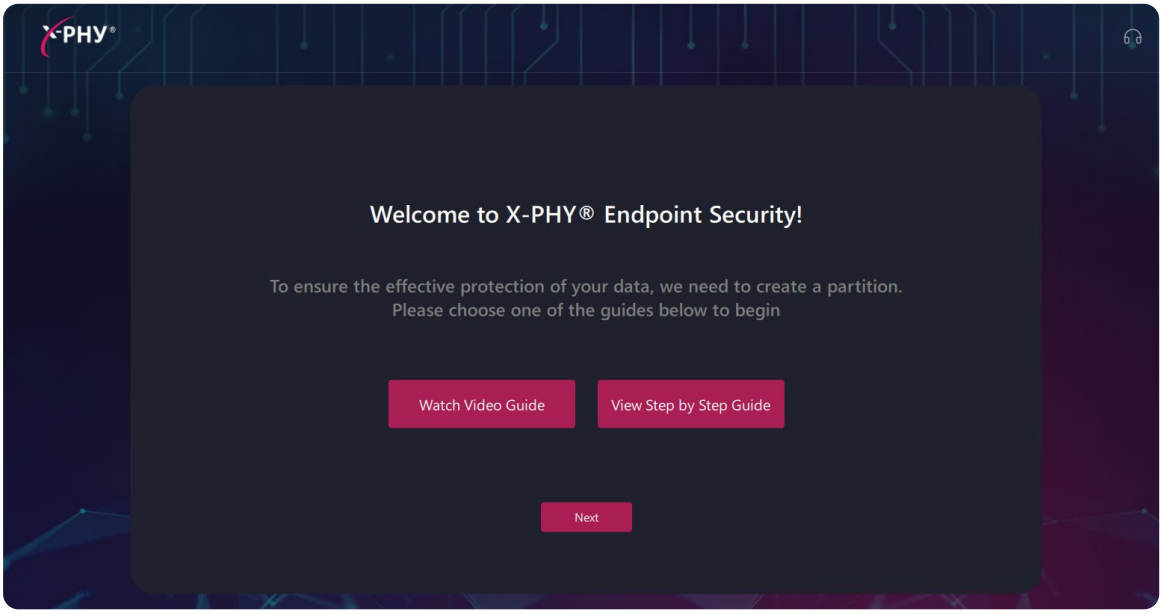


Step 3: Click Launch **X-PHY Guard** to proceed.

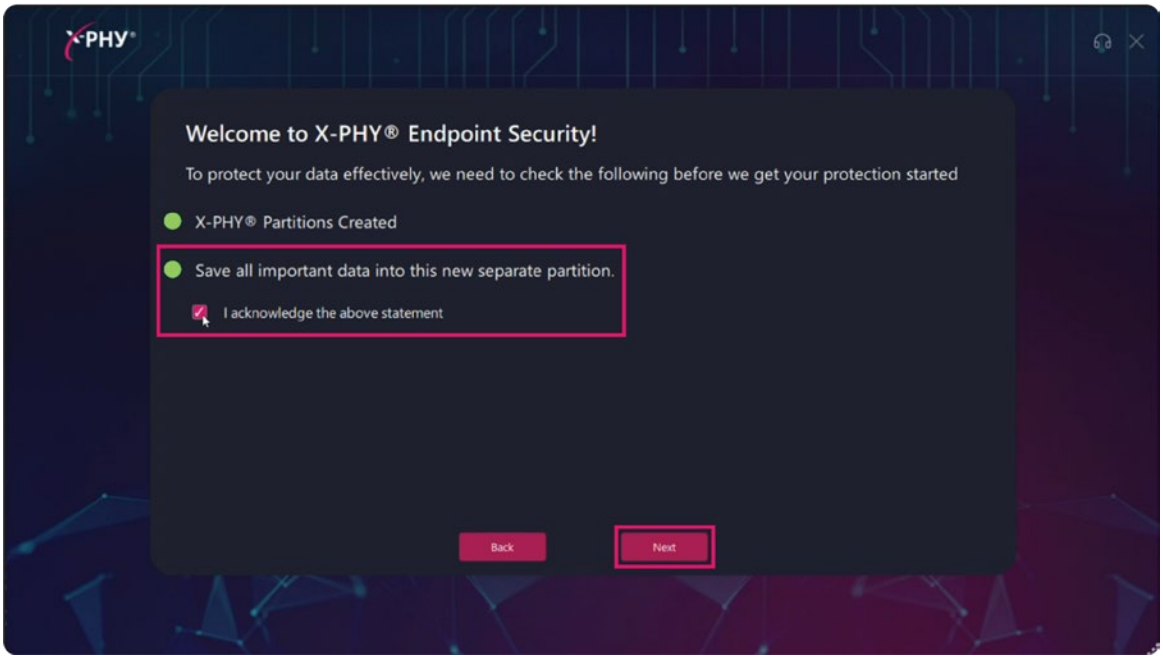


Partition Creation

- When X-PHY Guard PC Application starts up, follow the step by step instructions to create a new partition.

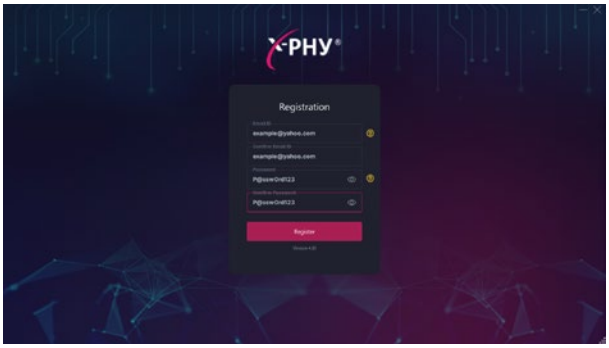


- After completing all the required steps, Tick "I acknowledge the above statement" to complete the checklist. Click "**Next**" to proceed.



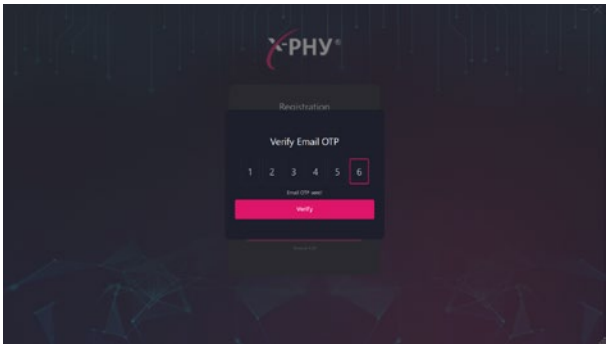
Registration

Step 1: Type in your desired email address and password to register.

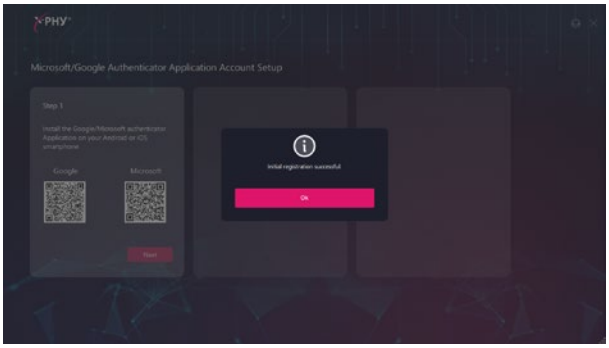


Note: Click on the tooltip for more information to meet the password criteria.

Step 2: After successful verification of Email ID, a "**Verify Email OTP**" A window will pop up. Check your **registered email address** for the OTP.



Step 3: If an activated license is detected, the initial registration is completed. Click "**Ok**" to proceed.

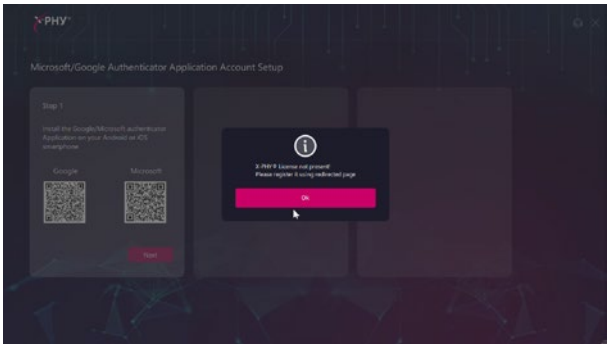


Subscription License Activation

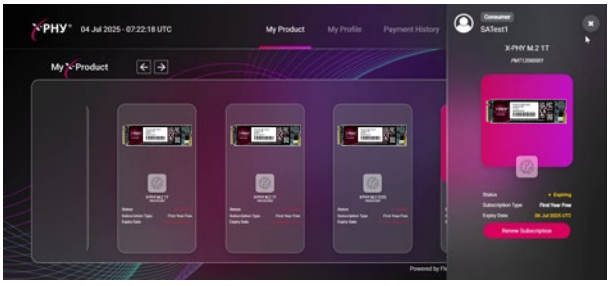
If you have not activated the subscription license on your X-PHY SSD by adding it to an X-PHY Members account yet, ***you will have to activate it at this stage***.

If you already have a registered subscription license account, you may refer to the ***Subscription License Portal*** section for more details.

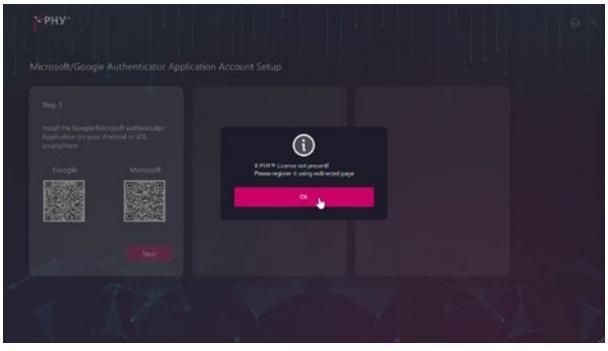
Step 1: You will be prompted to visit the X-PHY Members page in your browser, where you can sign up for a new account or log in to an existing one to register your X-PHY Cybersecure SSD. Click "**Ok**" to proceed.



Step 2: The details of the newly-added X-PHY SSD will be automatically shown.



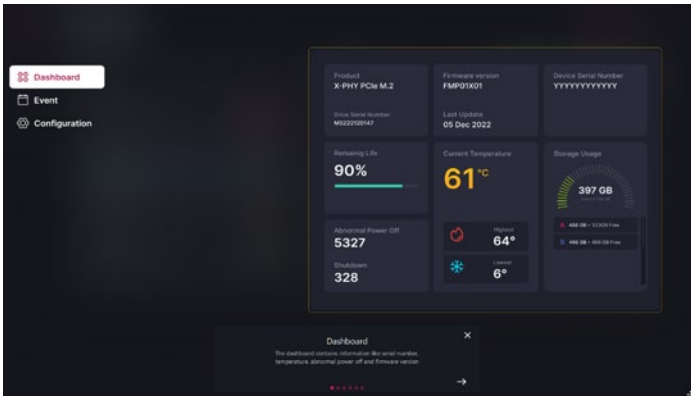
Step 3: Head back to the X-PHY Guard PC application to complete the license registration. Click "**Ok**" to proceed.



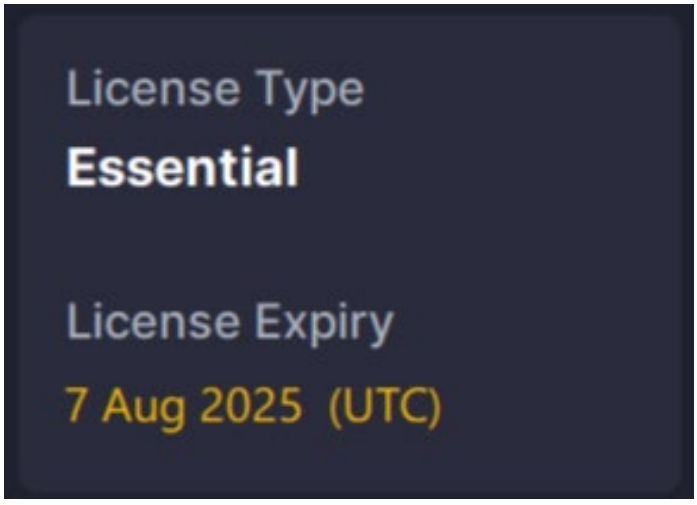
Introduction to X-PHY Guard PC Application

Dashboard

Dashboard displays general disk information, including number of partitions, free space, used space, product name, serial number, firmware version, and etc.

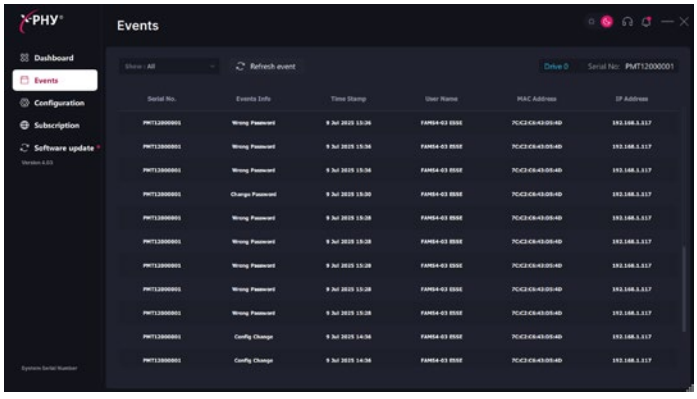


The SSD license type will also be displayed on the dashboard based on the purchase version: Lite / Essential / Premium. The license status is color-coded: **blue** for active (over 30 days), **yellow** for expiring (under 30 days, including the 2-day default), and **red** for expired (beyond the expiry date).



Events

The event page contains thehistory of events stored in thefirmware of the X-PHY SSD to serve as an audit trail. The event log table contains information, such as the Serial Number, Event Info, Time Stamp, Username, MAC address and IP Address.



Configuration

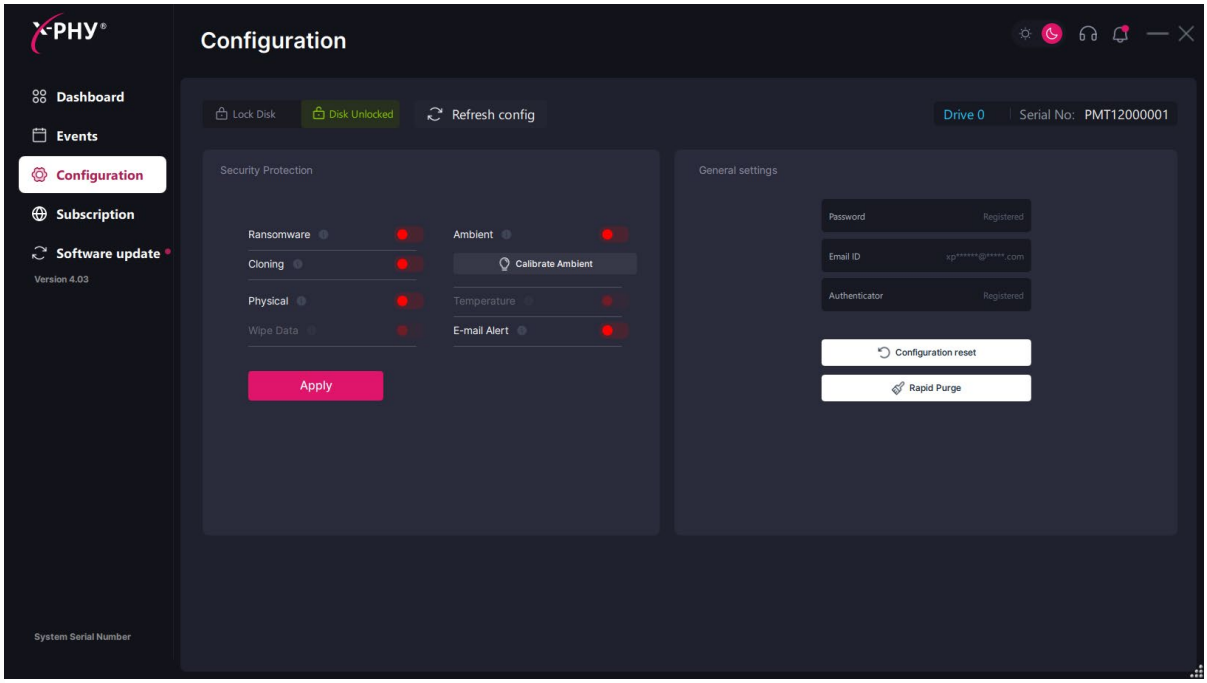
The configuration page has two sections: **Security features** and **General settings**

Security Features

It is recommended to turn on the main security features in this section to ensure that the device is totally protected.

- The main security features include ransomware, cloning, temperature, physical, ambient, email alert.

> ⚠ *If Wipe data function is enabled, the data on the drive will be completely wiped out in the event that the X-PHY SSD detects a physical disconnect.*

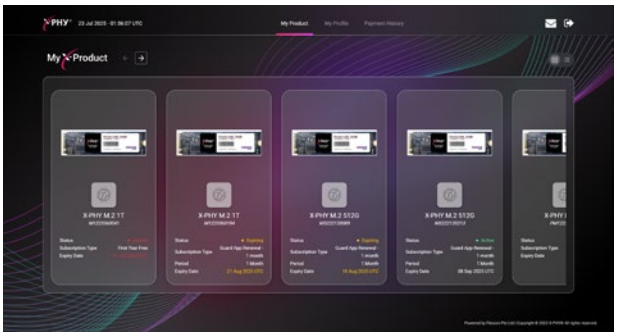


Subscription License Portal

If you do not have a subscription license activated, you may refer to the ***Subscription License Activation*** section for more details.

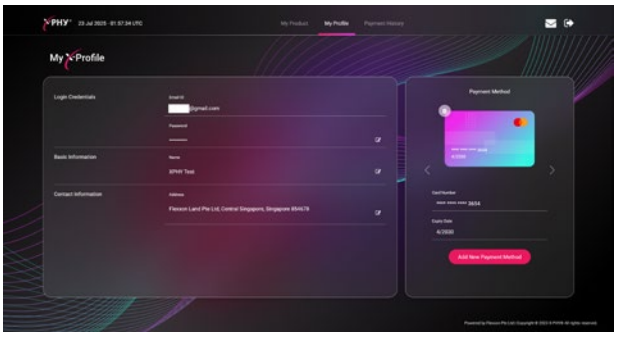
My Product

The **My Product** tab in the X-PHY Members Portal allows you to view all the X-PHY SSDs under the current account.



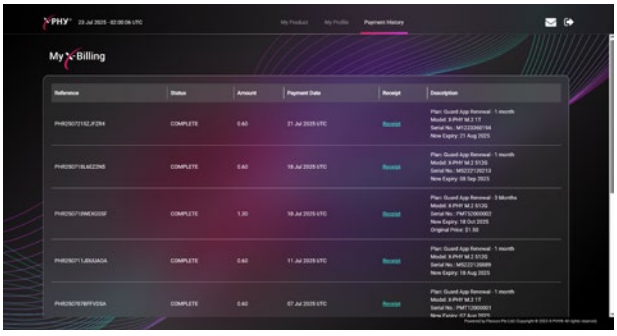
My Profile

The **My Profile** tab shows the Login Credentials, Basic Information, Contact Information and Payment Method.

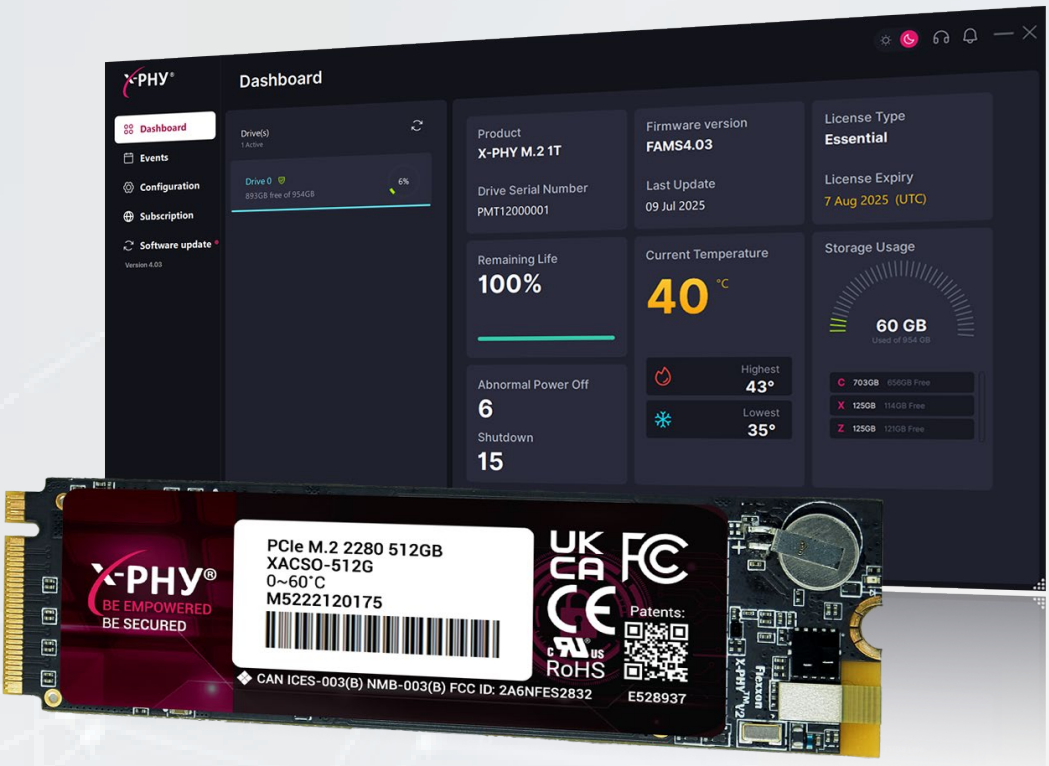


Payment History

The **Payment History** tab shows the billing information history for all X-PHY SSDs registered under this account profile, including the Reference number, Payment status, Amount paid, Payment Date, Receipt and Product Description.



-End of User Guide-



Learn more about X-PHY®

X-PHY AI Embedded Cyber Secure SSD | The Last Line of Defense

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