

# Exascend FAE Tool User's Guide

Exascend Solutions

Release Date: 2022/05/30

Software Version: 1.0.1.1~1.0.1.2

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# 1 Introduction

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This tool is used for the following functions:

- Upgrade disks to the specified firmware, it is recommended that backup all important files before performing this operation.
- Collect disks information to help locating drive problems.

## 2 Environment

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Windows 10 32-bit/64-bit.

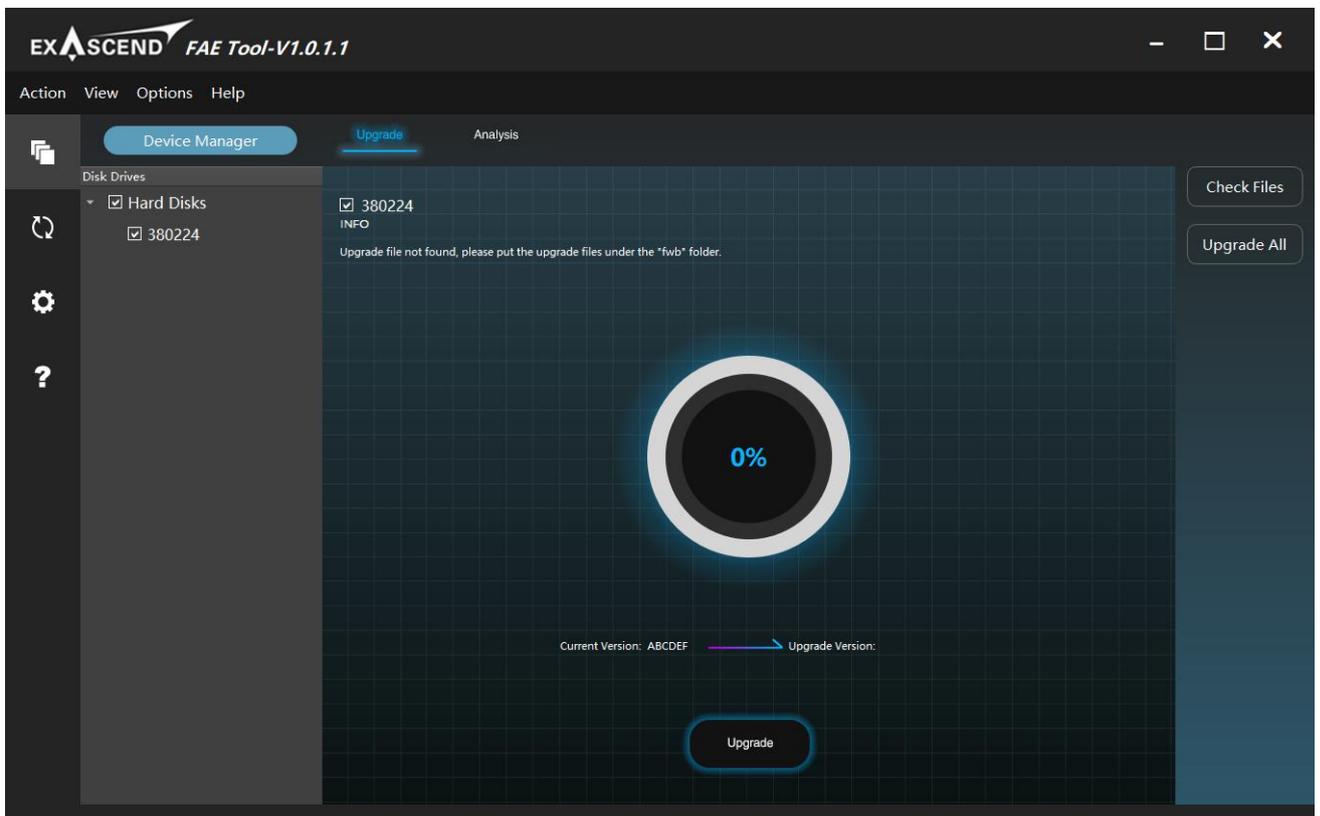
Please ensure that package – KB2999226 is installed on your system.

## 3 Usage

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### 3.1 Upgrade

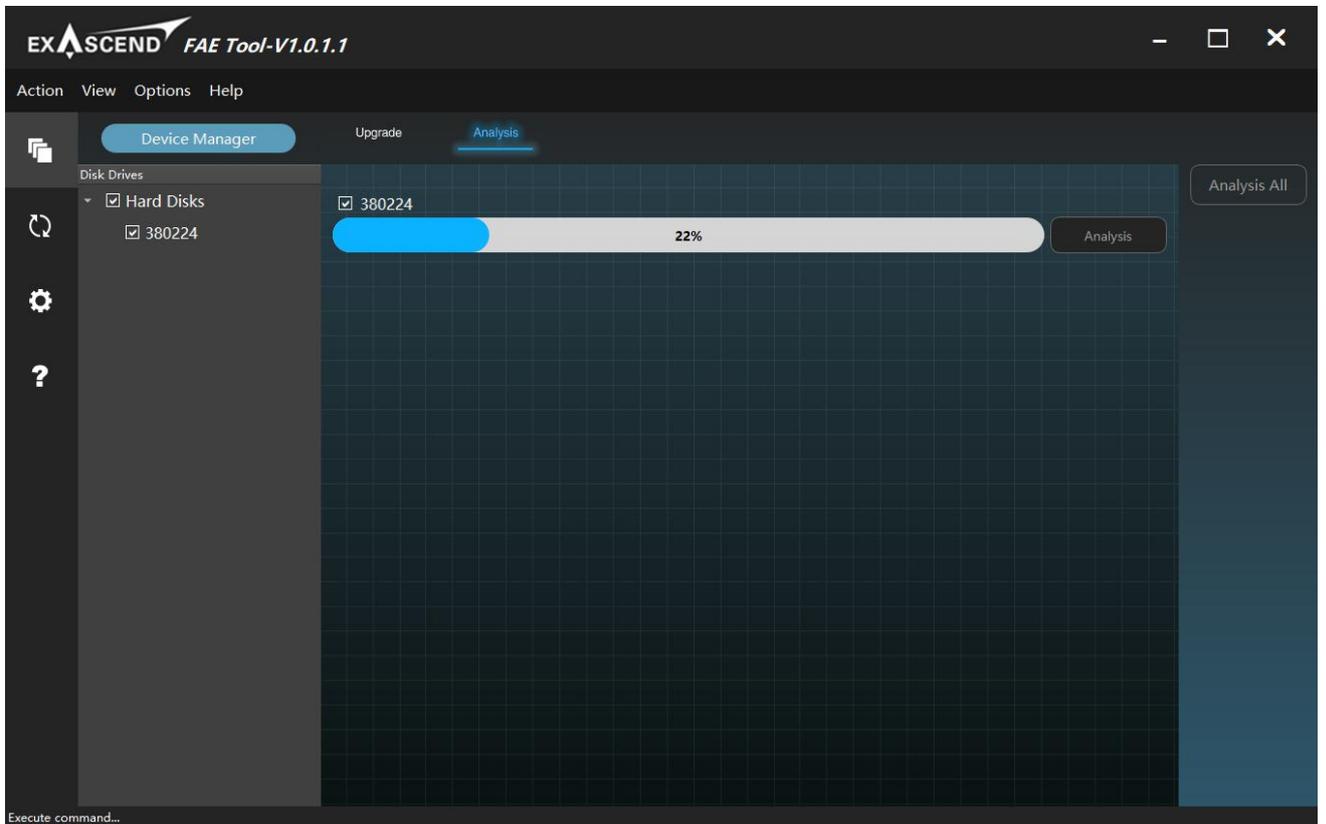
1. Please put the upgrade files(\*.fwb) under the "fwb" folder.
2. Run the tool as the administrator, click 'Upgrade' table.
3. Click 'Scan Drives' button, then select the target drive.
4. Click 'Check Files' button, tool will display the upgraded information of the selected disks as figure below.



5. Click 'Upgrade All' button, the progress bar to 100% indicates the success of the upgrade.

## 3.2 Analysis

1. Run the tool as the administrator, click 'Analysis' table.



2. Click 'Analysis All' button to collect drive information and generate \*.vda file in 'analysis' folder, send the file to us to analyze.

Device Manager Upgrade Analysis

Disk Drives

- Hard Disks
  - 380224

380224

E/P Count: 819 Fatal Error: no Grown Bad Block Count: 0 Flash ID:[44, 195, 8, 50, 230]

S.M.A.R.T Information:

Critical warning	: 8
Temperature	: 329
Available spare	: 100
Available spare threshold	: 10
Percentage used	: 0
Data units read	: 3
Data units written	: 0
Host read commands	: 1371
Host write commands	: 0
Controller busy time	: 0
Power cycles	: 3
Power on hours	: 3
Unsafe shutdowns	: 0
Media errors	: 0
Error info log entry count	: 0
Reallocated Flash Blocks Count	: 0
Initial Spare Blocks	: 0
Uncorrectable Sector Count	: 0
Total Block Program Failure	: 0
Hardware Ecc Recovered	: 0
Offline Surface Scan	: 0
Total Block Erase Failure	: 0
Max Erase Count	: 0
Average Erase count	: 0
Total Erase count	: 0
Total Sectors Read From Nand Flash	: 0
Total Sectors Written To Device	: 0
Total Sectors Written To Nand Flash	: 0
Total Host Sectors Read From Device	: 0
RAW Read Error count	: 0
Thermal Throttle Status	: 0

Analysis All

100% Analysis