

Firmware 3.42H03

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## New Release and Update Information

Firmware Core: 3.42H03

Compatible RAIDWatch version: 2.1.A & 2.1.F (A12F-G2221 and A08F-G2221)

Software updates are available at <ftp.infortrend.com.tw/RAIDWatch/>

### 1. New Features:

#### 1. SATA Drive S.M.A.R.T. Support

Supports SATA disk drives S.M.A.R.T. function.

#### 2. Auto IP Discovery (supported with RAID Watch 2.2 or above)

Automatic discovery of managed subsystems' IPs upon the beginning of RAIDWatch's management session.

#### 3. SATA NCQ Support

SATA drive Native Command Queuing support (currently for the EonStor AxxF-G2221 series)

### 2. List of Problems Fixed:

#### 1. Hard Drive Vendor Information Display Problem

Fixed the bug that caused problems with displaying hard drive vendor's detailed information.

## 2. Invalid DefSynclK Configuration Option

Fixed the bug that prevented users from changing SCSI bus Default Synchronous Clock; e.g., from 160MHz to 80MHz.

## 3. Solaris 10 and x86 1TB Capacity Limitation

Related variables adjusted with Solaris OS to support an array capacity larger than 1TB.

## 4. SATA-II Channel Speed Display Problem

User interface failed to display SATA-II drive channels speed as 3Gbps.

## 3. Applicable Products

Firmware 3.42H03 is applicable to the following subsystems:

Models	Corresponding Binary
EonStor A08F-G1A2	FA72C342H03_57_IFT_ESA08FG1A2.BIN
EonStor A12F-G1A2	FA72C342H03_58_IFT_ESA12FG1A2.BIN
EonStor A16F-G1A2	FA72C342H03_58_IFT_ESA16FG1A2.BIN
EonStor A08F-G2221	FA72C342H03_604_IFT_ESA08FG2221.BIN
EonStor A12F-G2221	FA72C342H03_605_IFT_ESA12FG2221.BIN
EonStor A16F-G2221	FA72C342H03_608_IFT_ESA16FG2221.BIN
EonStor A16F-R1A2	FA342H03_57_IFT_ESA16FR1A2.BIN
EonStor A16F-S1A2	FA342H03_57_IFT_ESA16FS1A2.BIN