

Proware Technology Corp.
 Technical Support Team
 Firmware Release Notes

**Model: FC4G to SAS/SATA-2 16 CHL. (S/D) (PPC 440e)
 For: EP-3169(S/D)-F4S3 Series.**

Important Notes:

- 1. Firmware version before 1.21: *** Please upgrade prerequisites firmware 1.21 for Controller (EP901045) first. *****
- 2. Please upgrade firmware for “Controller” and “Expander” both.**
- 3. Please upgrade proSES / proSES-II firmware via RS-232.**
- 4. Please install new version of proRAIDManager.**

A. Controller (EP901045)

=== Prerequisites firmware 1.21 ===

1.31 (03/18/2009)	
Release Date	March 20, 2009
New	1. Reset counters button to FC Port Statistics screen. 2. Node name same / diff dropdown to Port Setup screen. 3. Ability to use '!s' in LV names.
Fixed	1. Fixed RAID ownership screen displays N/A if invalid preferred owner is specified. 2. Fixed preventing some causes of broken pipe errors. 3. Fixed memory leak in web GUI code. 4. Fixed cache issue for random reads. 5. Fixed valid product names for upgrading expander firmware. 6. Flash writing improvements to prevent board resets caused by configuration changes. 7. Fixed browser timeouts in some web GUI.

B. Expander (EP901060)

0407	
Release Date	March 20, 2009
Fixed	1. Improve SATA flow control behaviors, those externs functions were inline and speed optimization.

Proware Technology Corp.
Technical Support Team

C. proSES-II (EP95601)(SES2)

1.19	
Release Date	March 20, 2009
Fixed	1. Fixed incorrect reading on low temperature.

D. proSES (EP96601)(SES)

=== NO IP DISPLAY ON LCD ===

1.19	
Release Date	March 20, 2009
Fixed	1. Fixed incorrect reading on low temperature.

E. proRAIDManager

P1.5.37	
Release Date	March 20, 2009
New	1. Enable "SEARCH" for web GUI controller firmware version.