

Release Notes

Firmware Update—Embedded Controller (EC) 1.08 For Mesa Pro Rugged Tablets Running the Windows 11 Operating System



These notes include important information for our Mesa Pro customers regarding the most recent release of the Windows 11 operating system firmware. We recommend all users perform this update.

Documentation and software updates are located on our website, <https://www.junipersys.com/support>. To update the firmware, select Mesa Pro, then Downloads.

Resolved Issues in EC 1.08

- Recognize and reject underpowered USB-C chargers.
- Changed RAM temperature limit for CPU throttling to 75°C (increased from 70°C).
- Reduced the maximum CPU throttling limit in high temperatures, improving CPU performance.
- Improved system performance during automatic battery switching. Automatic battery switching occurs when the low battery reaches 3% rather than 0%.
- Improved CPU performance during automatic battery switching when the first battery is expended.

Important Update Instructions

When you update the firmware, follow these instructions:

1. Plug external power into the Mesa Pro.
2. Save and close any files or programs.
3. Back up critical data.
4. Run the Embedded Controller update .exe.
5. Follow the on-screen prompts.
6. When the process is complete, launch Device Settings to check the Embedded Controller version.



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