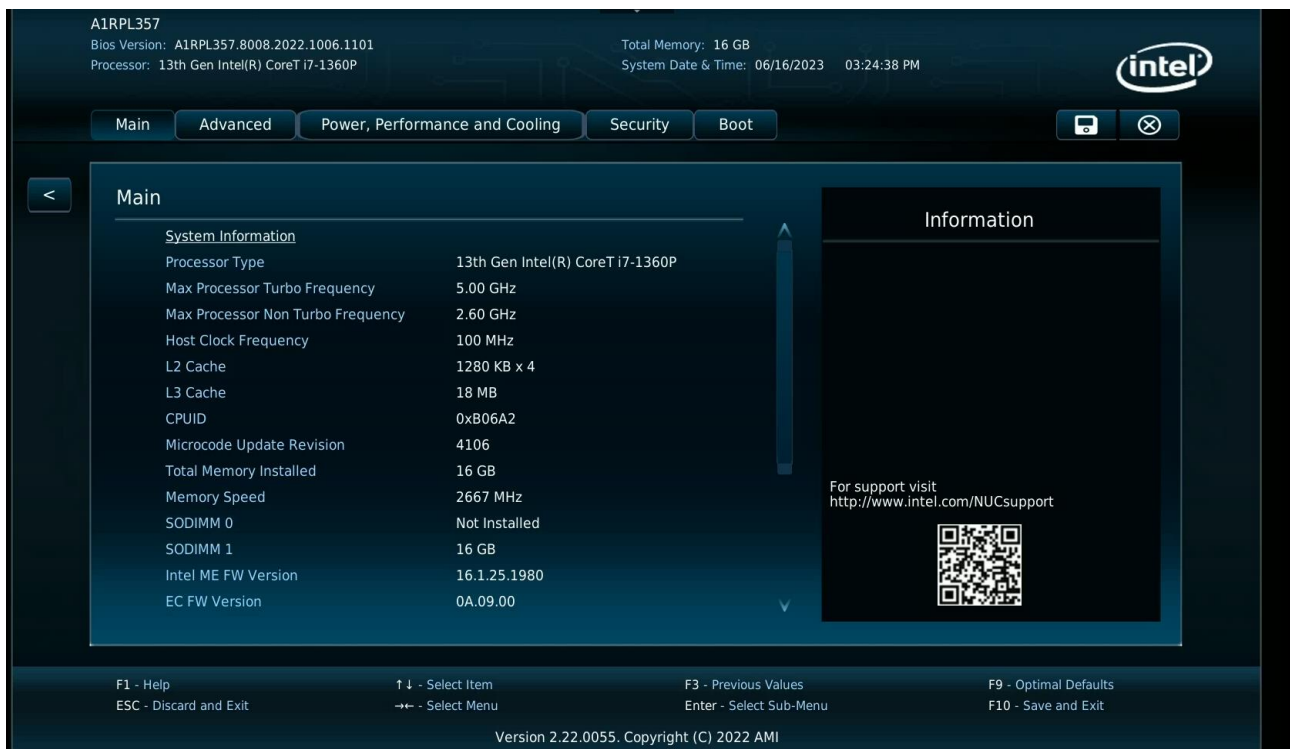


Limiting TDP Under BIOS for Intel® NUC 13 Pro (Arena Canyon)

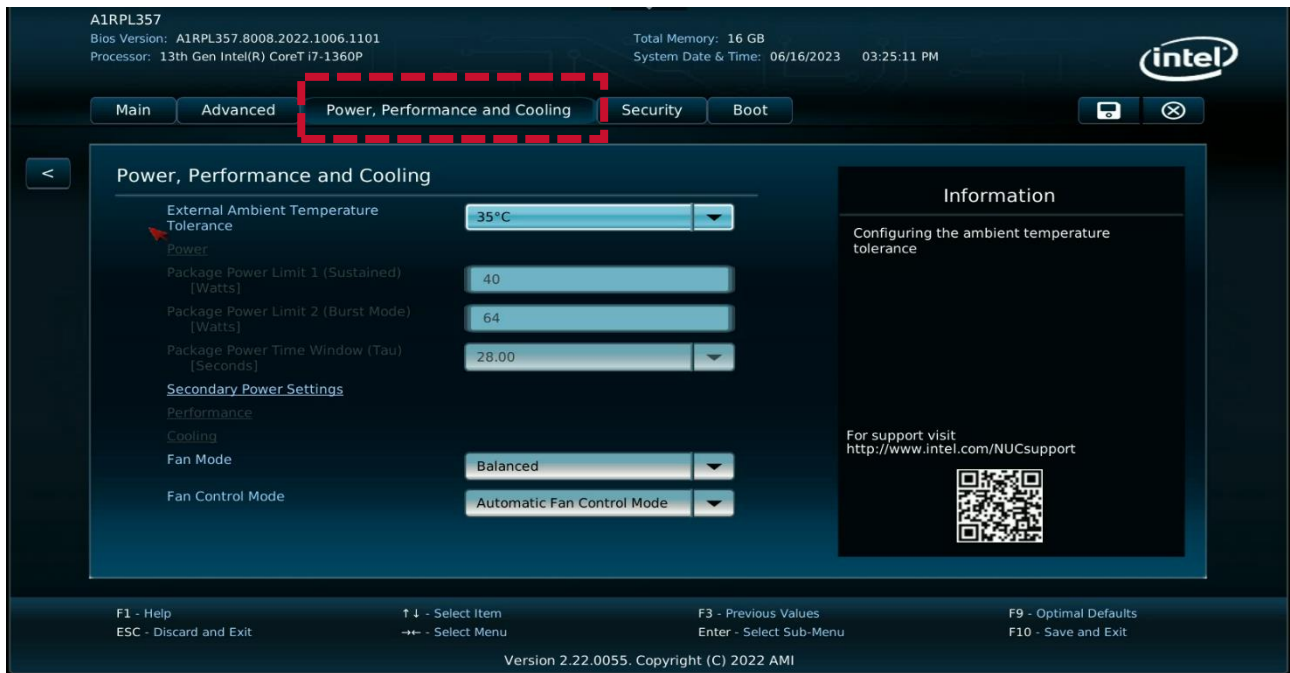
Intel® Turbo Boost Technology 3.0 is enabled by default, which increases the Thermal Design Point (TDP) values when the CPU is under load. However, this may cause the CPU to throttle in order to cool down when installed inside an Akasa fanless case. The Plato WS (Product Code: [A-NUC85-M1B](#)), Newton WS (Product Code: [A-NUC92-M1B](#)) and Turing WS (Product Code: [A-NUC87-M1B](#)) are designed to dissipate the heat from a 28W TDP CPU. The following instructions will show how to limit the TDP in the BIOS settings on the Intel® NUC Pro 13 (Arena Canyon) Core™ i5 and i7 motherboard models.

Instructions

1. Enter the BIOS settings by pressing the F2 function key multiple times as the system boots, until you have entered the BIOS screen.



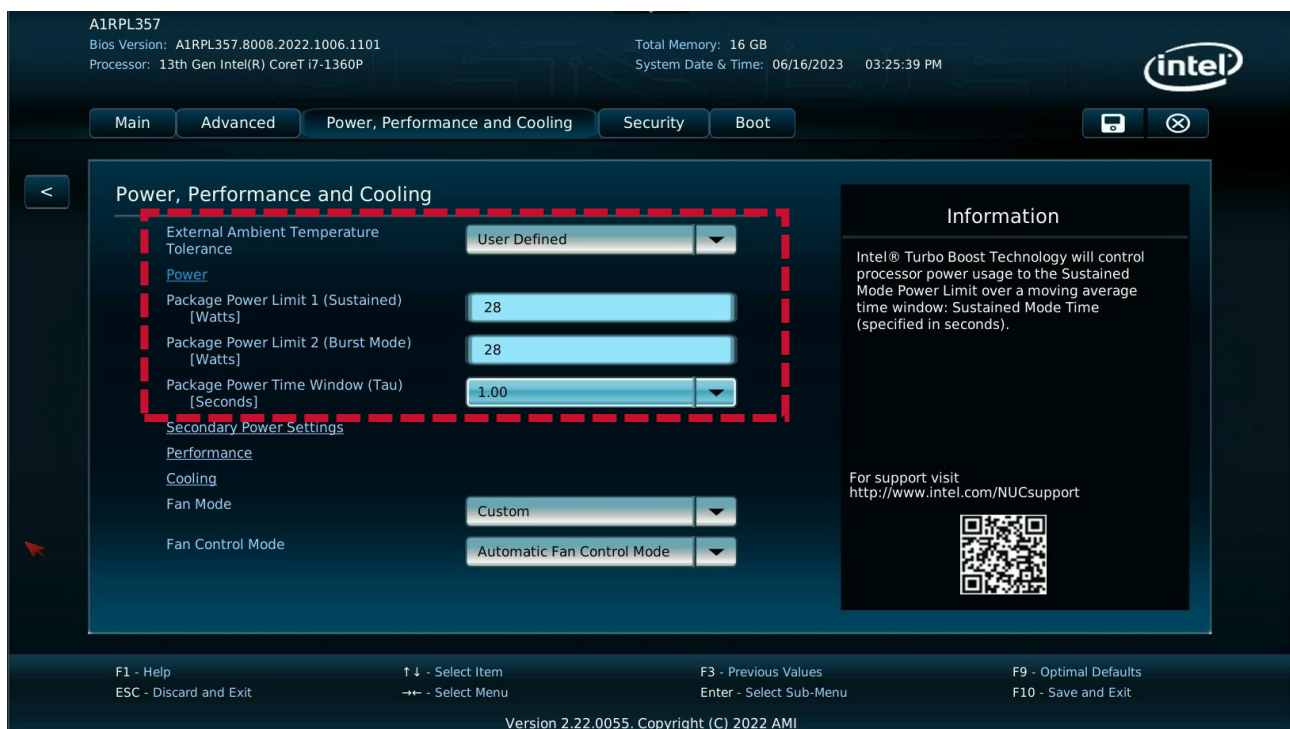
2. Go to the “Power, Performance and Cooling” tab.



3. Select the “External Ambient Temperature Tolerance”. Change the setting to “User Defined”.

4. Change the parameters as follows:

- Package Power Limit 1 (Sustained): 28
- Package Power Limit 2 (Burst Mode): 28
- Package Power Time Window (Tau): 1.00



5. Press the F10 function key to save the settings. The computer will now boot with the new settings.

