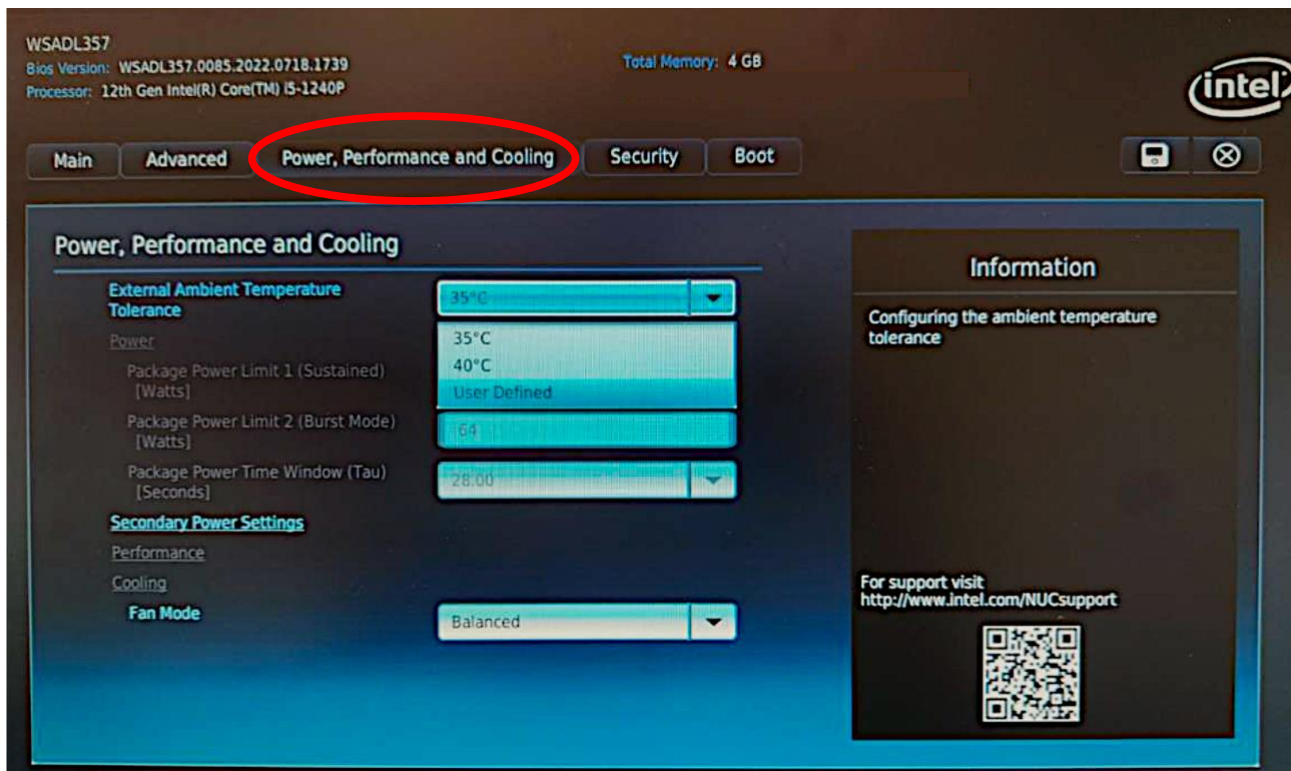


Limiting TDP Under BIOS for Intel® NUC 12 Pro (Wall Street Canyon)

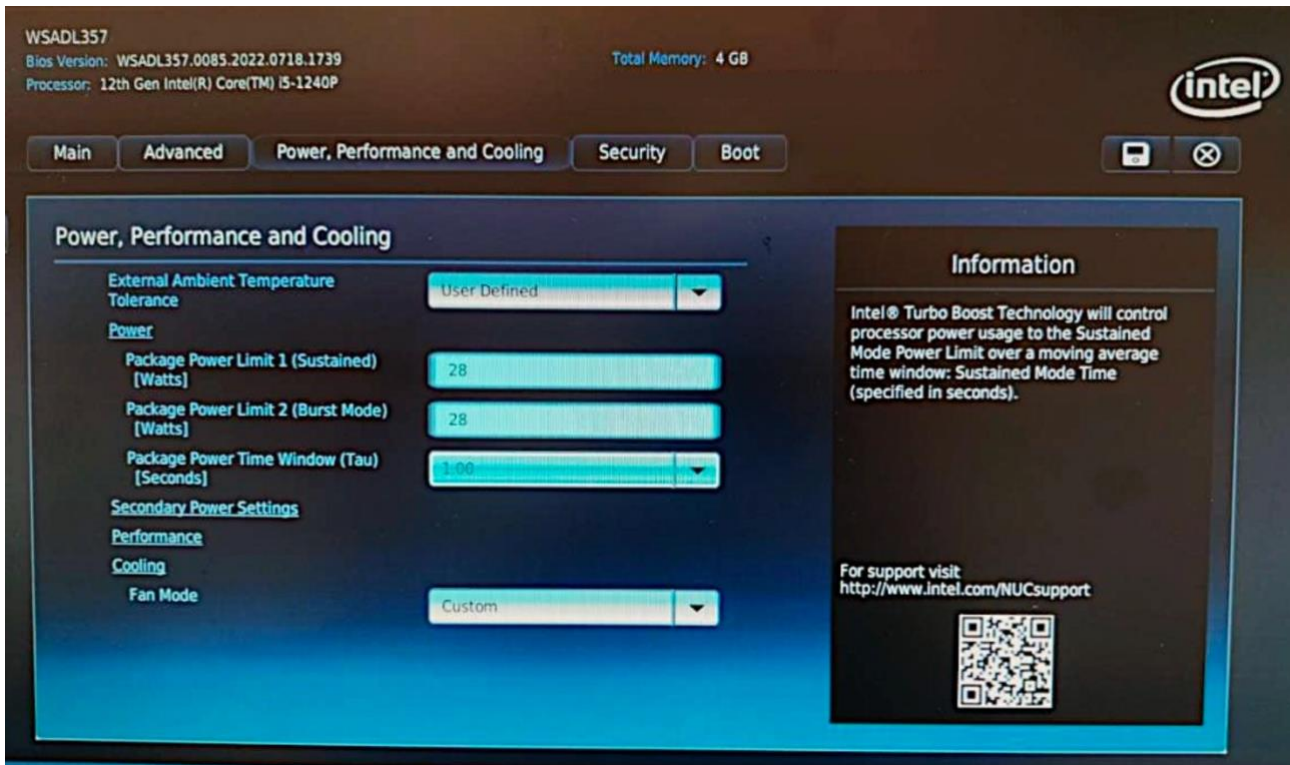
Intel® Turbo Boost Technology 3.0 is enabled by default, which increases the Thermal Design Point (TDP) values when the CPU is under load. However, this may cause the CPU to throttle in order to cool down when installed inside an Akasa fanless case. The Plato WS (A-NUC85-M1B), Turing WS (A-NUC87-M1B), and Newton WS (A-NUC92-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 12 motherboards.

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, and select the “External Ambient Temperature



3. 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



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