EQi12 BIOS??

- ????????
- ??CPU??
- ??????

????????

??????????

????????

??????(AC Power Auto Recovery)??????????????????????????BIOS?????????????

- ???/????24????????
- ????????
- ??????
- ??????

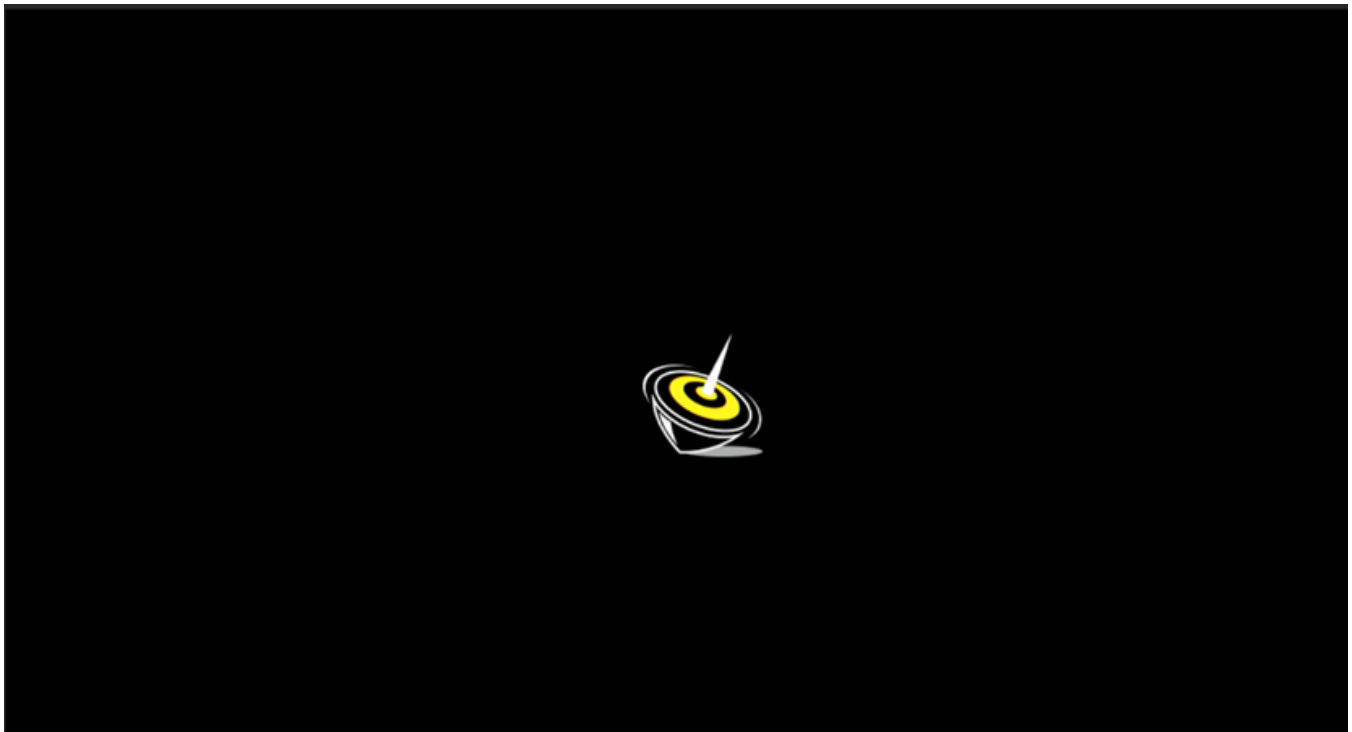
?? ??????

1. ????UPS???????????????
2. ???????????????
3. ?????????????

??????????????

1?? ??BIOS????

1. **????**?????
2. ???????
3. **??????Del?**???2-3??

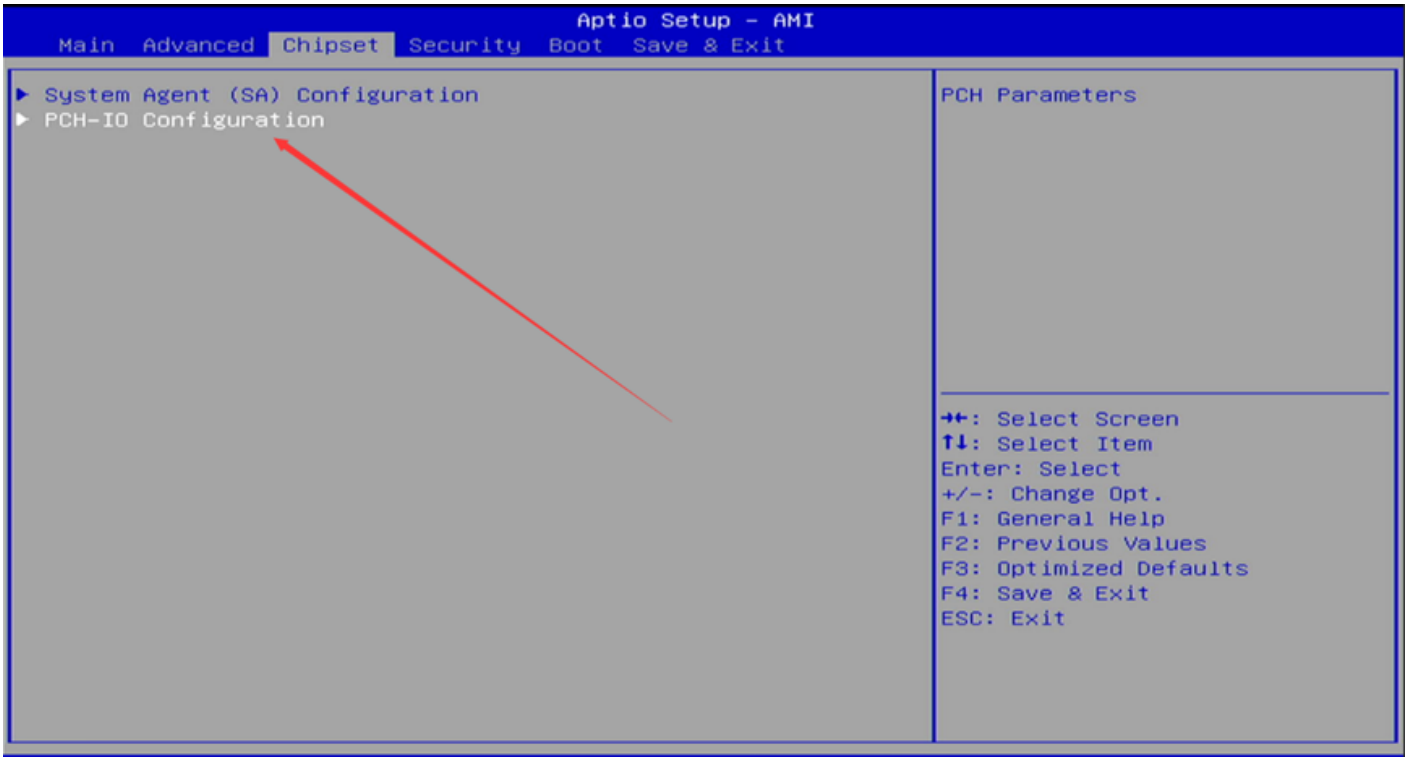


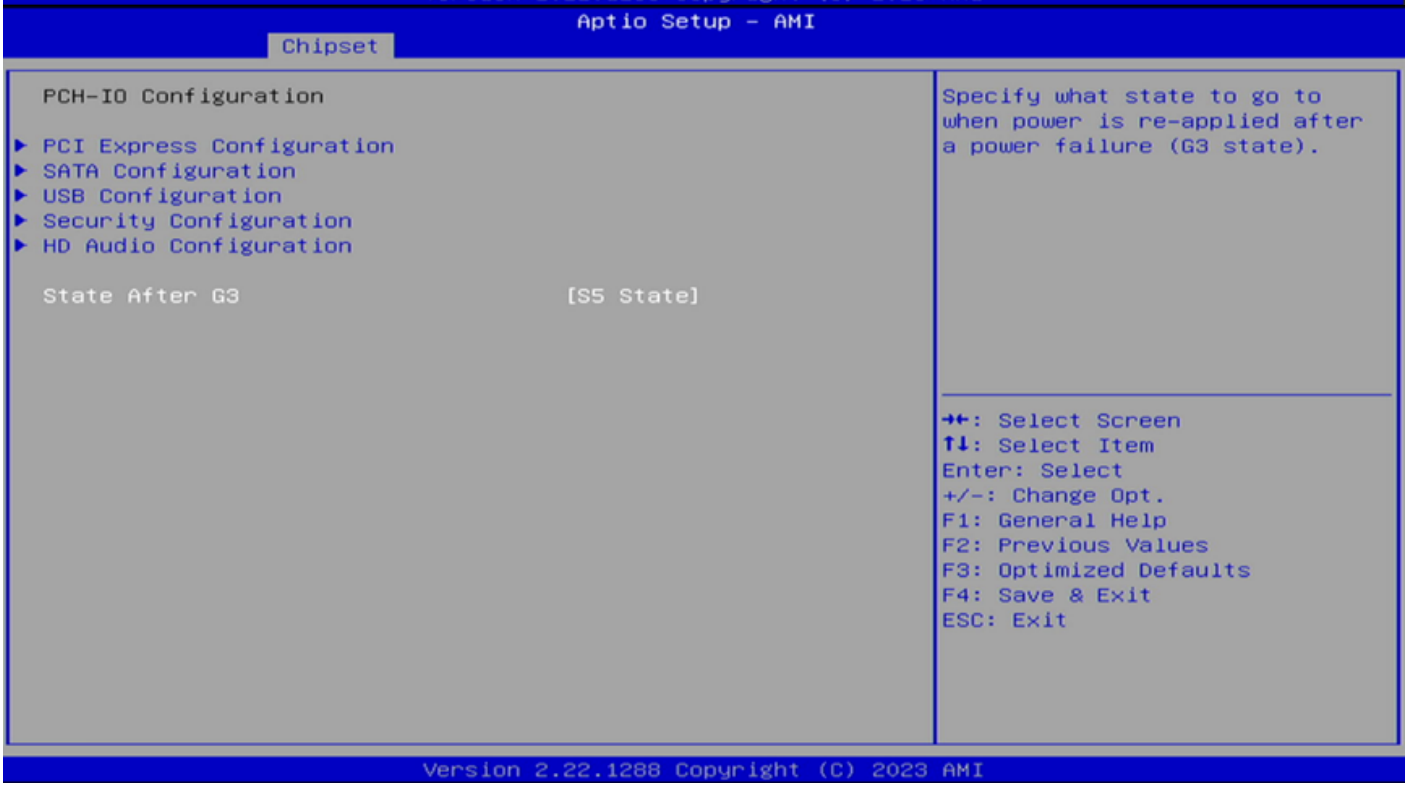
? ?????????F2?F10?Esc???????????

2?? ???????

[BIOS□□□□□]

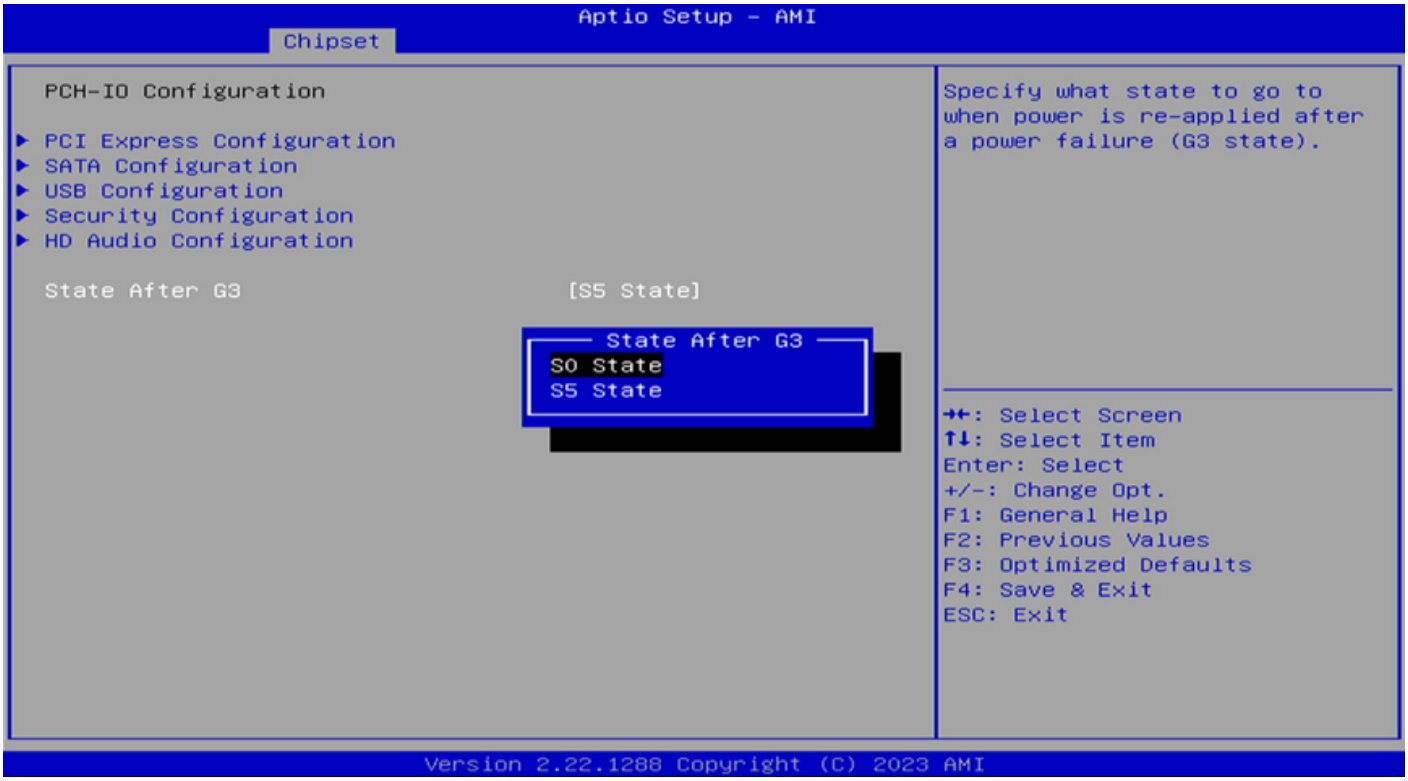
Main → Chipset → PCH-IO Configuration → State After G3





3?? ??????

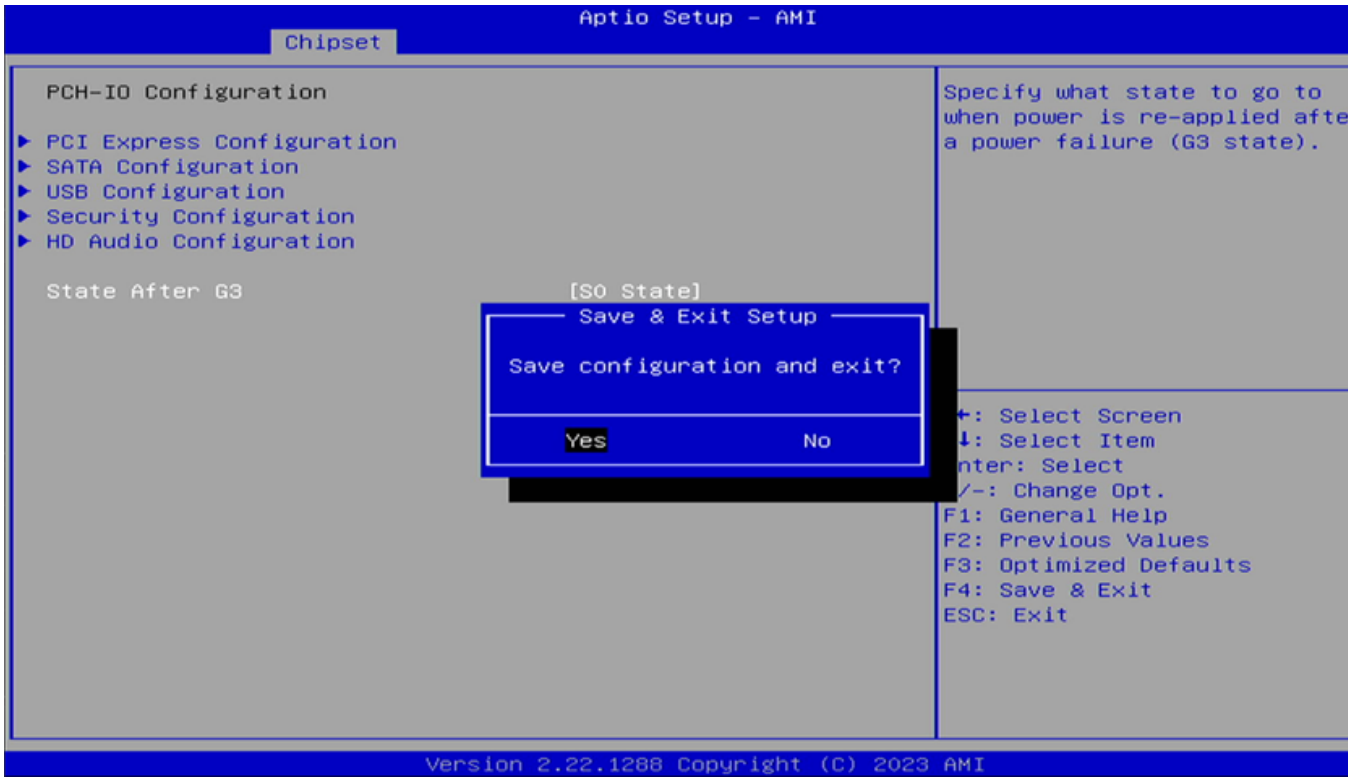
???	????	????
S0 State	??????	???/?????????
S5 State	??????	??????????



4?? ????

1. ?`F4`????????
2. ??`Yes`??

3. ???????



????????

? ????

1. ??????????
2. ???????10?
3. ??????
4. ????????

?? ??????

????	????	????
????BIOS	??????	????????LOGO?????????
?????	BIOS????	????"AC Recovery"?"Power Loss"
?????	CMOS????	??????

??????????????????????????IT?????

??CPU??

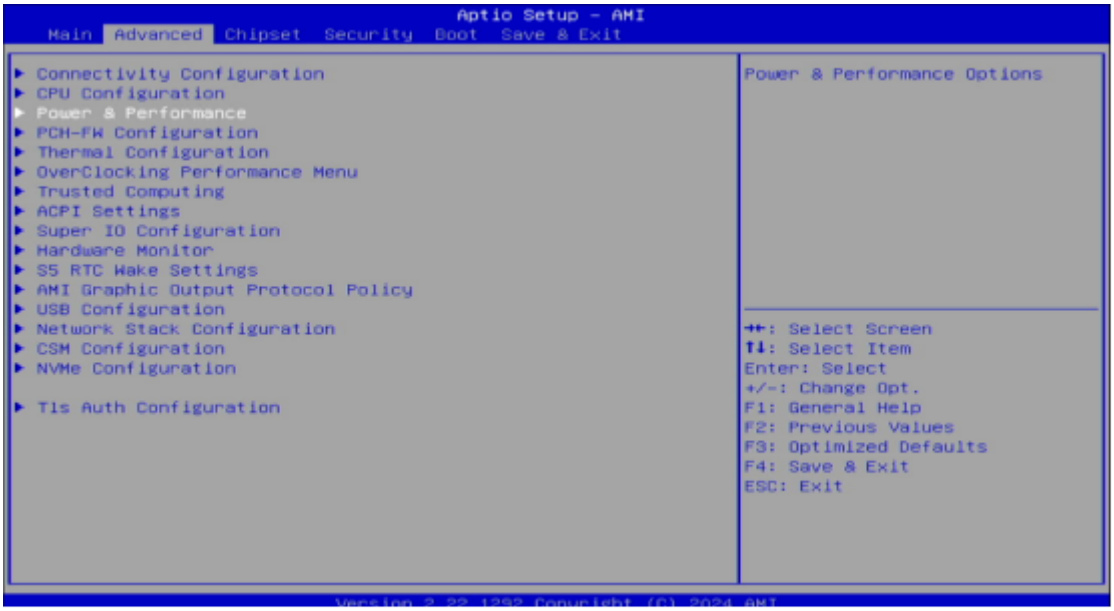
??EQi12??CPU????

???????

1.??????????????????logo????????Del??????BIOS



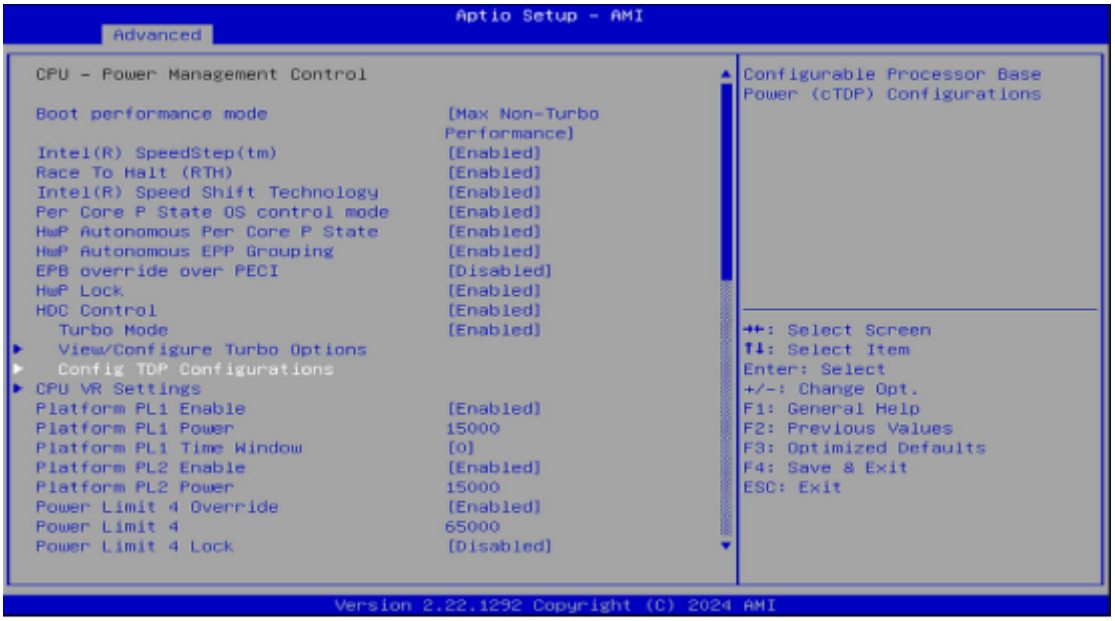
2.????Advanced???????Power & Performance?



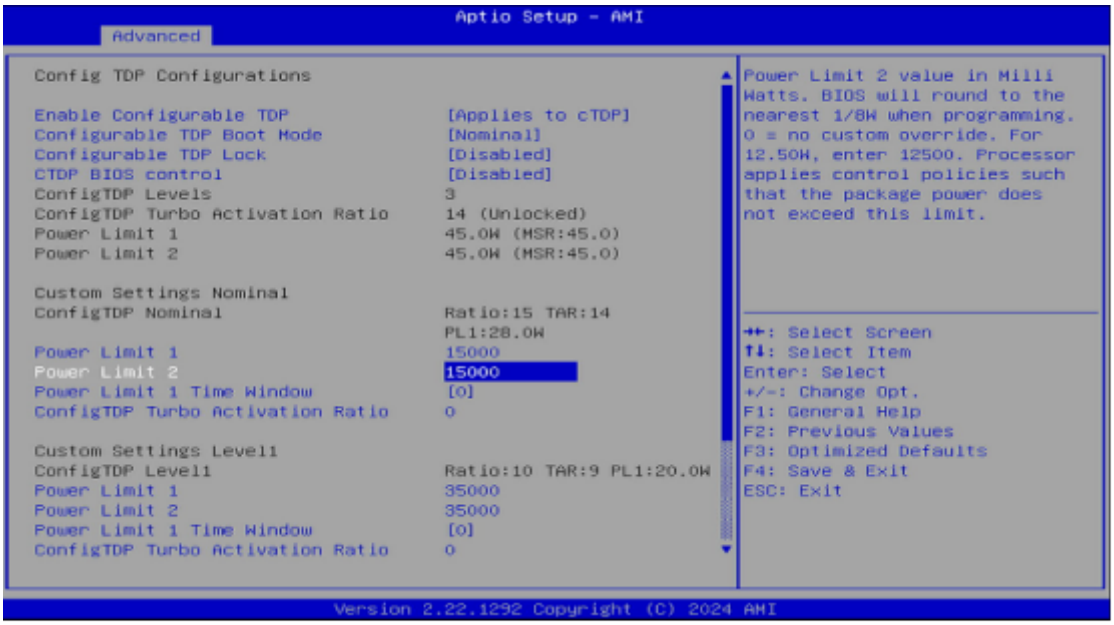
3.???CPU-Power Management Control???



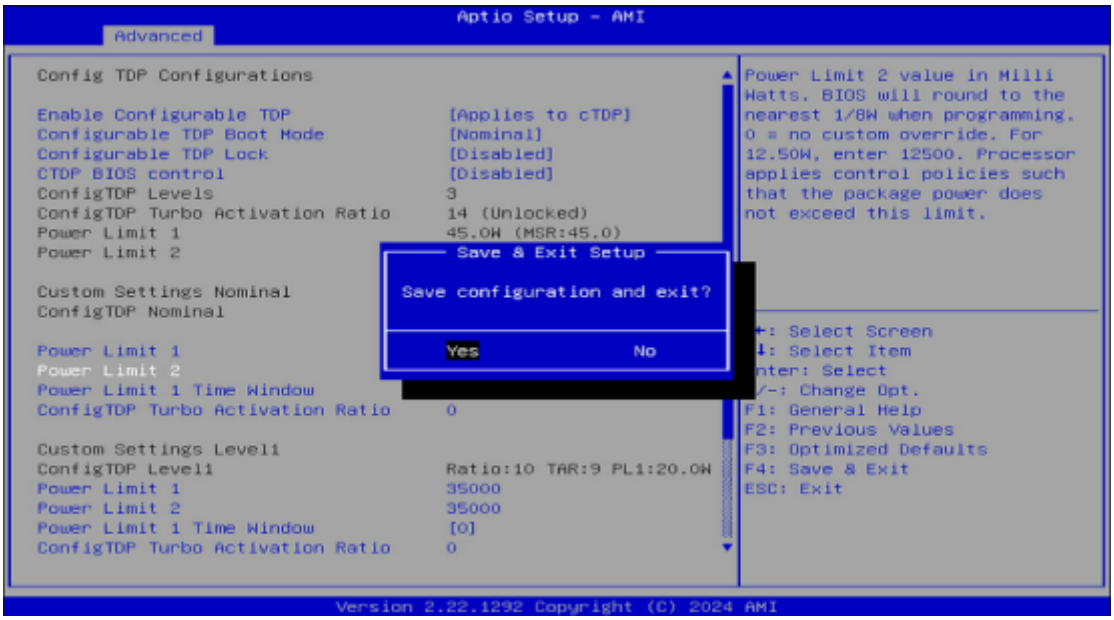
4.???Config TDP Configurations? ?Enter???????



5.??????????????????????????????????15000?15W???


Aptio Setup – AMI
Advanced
Config TDP Configurations
Enable Configurable TDP [Applies to cTDP]
Configurable TDP Boot Mode [Nominal]
Configurable TDP Lock [Disabled]
CTDP BIOS control [Disabled]
ConfigTDP Levels 3
ConfigTDP Turbo Activation Ratio 14 (Unlocked)
Power Limit 1 45.0W (MSR:45.0)
Power Limit 2 45.0W (MSR:45.0)
Custom Settings Nominal
ConfigTDP Nominal Ratio:15 TAR:14
PL1:28.0W
Power Limit 1 15000
Power Limit 2 15000
Power Limit 1 Time Window [0]
ConfigTDP Turbo Activation Ratio 0
Custom Settings Level1
ConfigTDP Level1 Ratio:10 TAR:9 PL1:20.0W
Power Limit 1 35000
Power Limit 2 35000
Power Limit 1 Time Window [0]
ConfigTDP Turbo Activation Ratio 0
Power Limit 2 value in Milli Watts. BIOS will round to the nearest 1/8W when programming. 0 = no custom override. For 12.50W, enter 12500. Processor applies control policies such that the package power does not exceed this limit.
→←: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
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6.?????????F4?????Yes??????????


Aptio Setup – AMI
Advanced
Config TDP Configurations
Enable Configurable TDP [Applies to cTDP]
Configurable TDP Boot Mode [Nominal]
Configurable TDP Lock [Disabled]
CTDP BIOS control [Disabled]
ConfigTDP Levels 3
ConfigTDP Turbo Activation Ratio 14 (Unlocked)
Power Limit 1 45.0W (MSR:45.0)
Power Limit 2
Custom Settings Nominal
ConfigTDP Nominal
Power Limit 1
Power Limit 2
Power Limit 1 Time Window
ConfigTDP Turbo Activation Ratio 0
Custom Settings Level1
ConfigTDP Level1 Ratio:10 TAR:9 PL1:20.0W
Power Limit 1 35000
Power Limit 2 35000
Power Limit 1 Time Window [0]
ConfigTDP Turbo Activation Ratio 0
Save & Exit Setup
Save configuration and exit?
Yes
No
Power Limit 2 value in Milli Watts. BIOS will round to the nearest 1/8W when programming. 0 = no custom override. For 12.50W, enter 12500. Processor applies control policies such that the package power does not exceed this limit.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit
Version 2.22.1292 Copyright (C) 2024 AMI

??????

?? CPU ??????????????????????????

????????????????????? CPU ???????????????? BIOS ???? CPU ??????????

???????

1.??????????????????logo????????Del??????BIOS



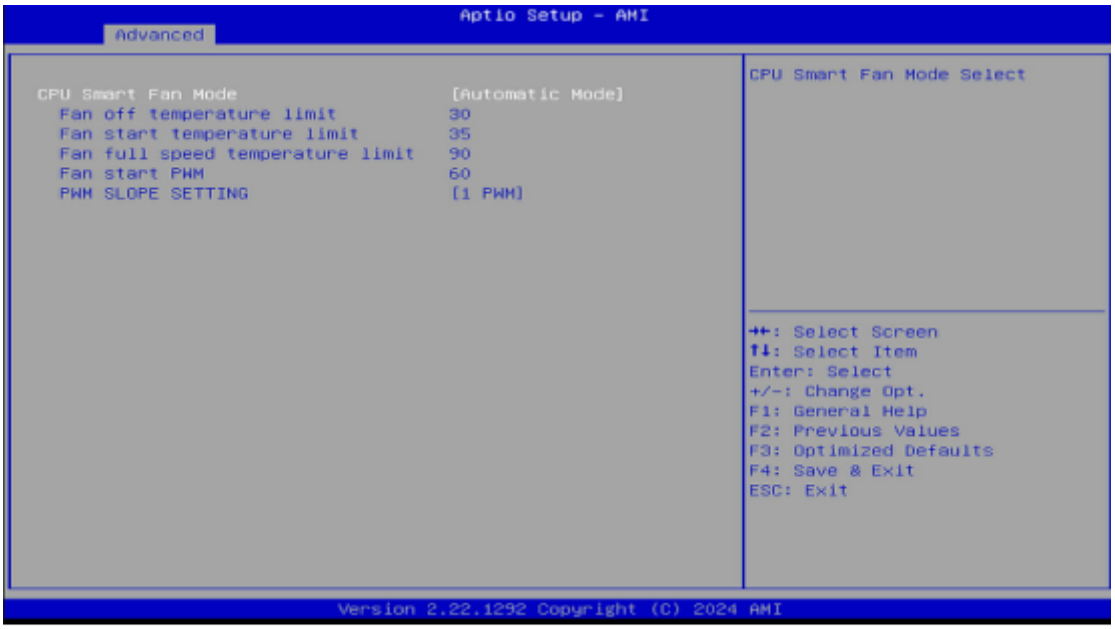
2.??BIOS???????????Advanced???????Hardware Monitor ???



3.?????Samart Fan Function?



4.CPU Smart Fan Mode??CPU?????Automatic Mode ??



?Manual Mode??????????????????????PWM????????0?255 ??????????????

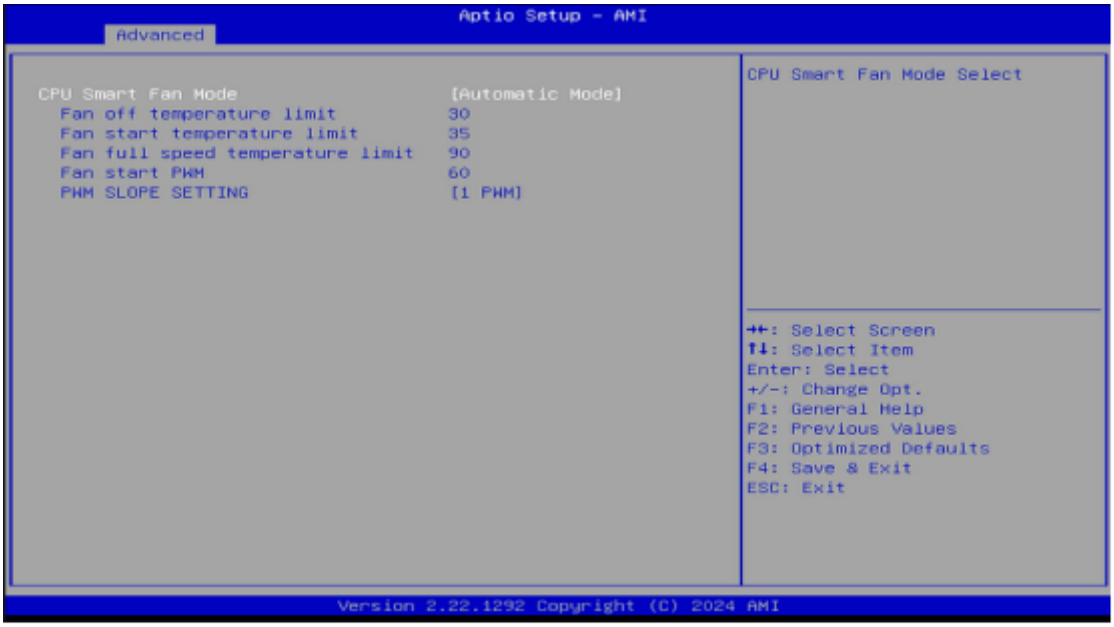
??????????????????65??????CPU???



Full on Mode??????????????????



5.??CPU Smart Fan Mode?????Automatic Mode ??????????????????????



·?Fan off temperature limit??30

????????????30???CPU????30????????

·?Fan start temperature limit??35

????????????35??CPU????35?????????

·?Fan full speed temperature limit??90

??????????????90??CPU????90???????????

·?Fan start PWM??60

PWM???CPU?????????????127?100%????????60?53%?????????30?25%?

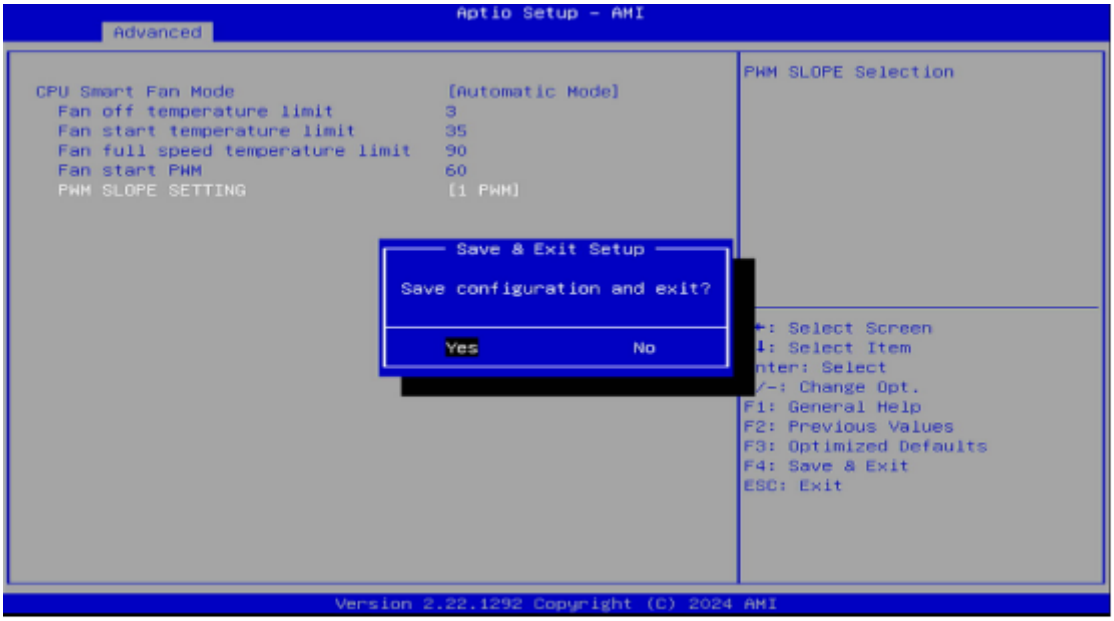
??????????????PWM??????????????????PWM??127?????????????PWM??????????

·?PWM SLOPE SETTING??1 PWM

??????????????1 PWM????????????????????????????Fan Start PWM??????????????????????????????1?4 PWM? ?? ?Fan Start PWM ????CPU??????????????

??????????????????

6.?????????F4?????Yes??????????



????????? CPU ??