
ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
UEFI BIOS Version : X570 Taichi P5.60
Processor Type : AMD Ryzen 9 5950X 16-Core Processor
Processor Speed : 4000MHz
Microcode Update : A20F12/A20120E
Total Memory : 64GB
DDR4_A1 : None
DDR4_A2 : DDR4-3200 32GB
DDR4_B1 : None
DDR4_B2 : DDR4-3200 32GB
Description
Get details via QR code
English
Mon 11/02/2026, 11:22:10

ASRock Taichi

Main | OC Tweaker | Advanced | Tool | H/W Monitor | Security | Boot | Exit

Overclock Mode(Bus Speed)		Auto
SRC Spread Spectrum		Disabled
CPU Frequency and Voltage(VID) Change		Auto
CPU Core (Per CCX)		
SoC/Uncore OC Mode		Enabled
SoC/Uncore OC Voltage(VID)		Auto
CLDO VDDP Voltage Control		Auto
CLDO VDDG CCD Voltage Control		Auto
CLDO VDDG IOD Voltage Control		Auto
DRAM Information		
Load DRAM Profile		G.SKILL Trident Z Neo...
Load XMP Setting		XMP 2.0 Profile 1: DD...
DRAM Frequency	DDR4-3200	DDR4-3200
DRAM Voltage	1.350V	1.350
Infinity Fabric Frequency and Dividers		Auto
DRAM Timing Configuration		

Description

Select the over clock mode.
Warning! When overclocking also the PCIe, PCI, SATA and USB busses will be overclocked which may cause instability or failure.
Please install an operating system and the drivers required before overclocking, or else your HDD`s may be undetectable. Overclocking is not supported if the monitor is connected via the onboard D-Sub/VGA connector.

Get details via QR code

English

Mon 11/02/2026, 11:22:31

ASRock Taichi

Main | OC Tweaker | Advanced | Tool | H/W Monitor | Security | Boot | Exit

Advanced\CPU Configuration

Socket0: AMD Ryzen 9 5950X 16-Core Processor
16 Core(s) Running @ 4051 MHz 1100 mV
Processor Family: 19h
Processor Model: 20h-2Fh
CPUID: 00A20F12
Max Speed:4000 MHZ
Microcode Patch Level: A20120E
--------- Cache per core ---------
L1 Instruction Cache: 32 KB/8-way
L1 Data Cache: 32 KB/8-way
L2 Cache: 512 KB/8-way
Total L3 Cache per Socket: 64 MB

PSS Support	Enabled
PPC Adjustment	PState 0
NX Mode	Enabled
SVM Mode	Enabled
SMT Mode	Auto
AMD fTPM switch	AMD CPU fTPM

Description

Enable/disable the generation of ACPI _PPC, _PSS, and _PCT objects.

Get details via QR code

English

Mon 11/02/2026, 11:22:48


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
Advanced\Onboard Devices Configuration
Turn On LED in S5
Enabled
Onboard Power/Reset button
Enabled
Force M2_3 to support NVME SSD
Disabled
Gnb Hd Audio
Enabled
Front Panel
HD
Restore On AC Power Loss
Power Off
Intel(R) Wi-Fi AX200 160MHz
Enabled
Intel(R) I211 Gigabit Network Connection
Enabled
WAN Radio
Enabled
BT On/Off
Auto
PS2 Y-Cable
Auto
Description
Turn on LED in the ACPI S5 state
Get details via QR code
English
Mon 11/02/2026, 11:23:07


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
Advanced\Storage Configuration
SATA Controller(s)
AHCI
Chipset SATA Configuration
Storage Device(s) List
NVME: Samsung SSD 970 EVO Plus 1TB
SATA: DRW-24D5MT
SATA: Samsung SSD 860 PRO 256GB
SATA: ORICO
SATA: S3SSDC256
NVME: Seagate FireCuda 520 SSD ZP1000GM30002
Description
Select SATA Controller(s) Type.
Get details via QR code
English
Mon 11/02/2026, 11:23:20

Advanced\Trusted Computing

TPM 2.0 Device Found

Firmware Version:	3.92
Vendor:	AMD
Security Device Support	Enable
Active PCR banks	SHA-1,SHA256
Available PCR banks	SHA-1,SHA256
SHA-1 PCR Bank	Enabled
SHA256 PCR Bank	Enabled
Pending operation	None
Platform Hierarchy	Enabled
Storage Hierarchy	Enabled
Endorsement Hierarchy	Enabled
TPM 2.0 UEFI Spec Version	TCG_2
Physical Presence Spec Version	1.3

Description

Enables or Disables BIOS support for security device. O.S. will not show Security Device. TCG EFI protocol and INT1A interface will not be available.

Get details via QR code


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
Advanced\AMD PBS
AMD Firmware Version
Primary Video Adaptor
Ext Graphics (PEG)
PCIe x16 Switch
Auto
PM L1 SS
Disabled
Unused GPP Clocks Off
Disabled
NVMe RAID mode
Disabled
PCIe x16 Bus Interface
Auto
PCIe x8 Bus Interface
Auto
Chipset Bus Interface
Auto
M.2_1 Support Type
Auto
Adjust VddcrVddfull Mode
Auto
Thunderbolt Support
Enabled
Security Level
User Authorization
Description
Show all of AMD Firmware Version
Get details via QR code
English
Mon 11/02/2026, 11:23:46


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
Advanced\AMD CBS\CPU Common Options
CPU Common Options
Performance
Prefetcher settings
Core Performance Boost
Auto
Global C-state Control
Disabled
Power Supply Idle Control
Auto
Fast Short REP MOVSB
Enabled
Enhanced REP MOVSB/STOSB
Enabled
IBS hardware workaround
Auto
Description
Performance
Get details via QR code
English
Mon 11/02/2026, 11:24:27

ASRock Taichi

Main | OC Tweaker | Advanced | Tool | H/W Monitor | Security | Boot | Exit

Advanced\AMD CBS\CPU Common Options\Custom Core Pstates\Accept

Accept

Custom Pstate0	Custom
Pstate0 Freq (MHz)	4000
Pstate0 VID	48

Description

Disable - disable this Pstate
Custom - customize this Pstate, applicable only if PcdOcDisable=FALSE

WARNING - DAMAGE CAUSED BY USE OF YOUR AMD PROCESSOR OUTSIDE OF SPECIFICATION OR IN EXCESS OF FACTORY SETTINGS ARE NOT COVERED UNDER YOUR AMD PRODUCT WARRANTY AND MAY NOT BE COVERED BY YOUR SYSTEM MANUFACTURER'S WARRANTY.
Operating your AMD processor outside of specification or in excess of factory settings,

Get details via QR code

English

Mon 11/02/2026, 11:24:14

DF Common Options

Memory Addressing	
CC6 memory region encryption	Disabled
Memory Clear	Auto

Description

Memory Addressing

Get details via QR code


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
RGB LED
Easy RAID Installer
SSD Secure Erase Tool
NVME Sanitization Tool
Instant Flash
Instant Flash
\OLD\X570TC2.80
\OLD\X570TC3.00
\OLD\X570TC3.40
\OLD\X570TC3.80
Instant Flash
Do you want to update UEFI to \X570TC5.60?
Yes
No
\OLD\X570TC5.41
\OLD\X570TC5.50
\X570TC5.60
Update
Rescan Device
Description
Save UEFI files in your USB storage device and run Instant Flash to update your UEFI. Please note that your USB storage device must be FAT32/16/12 file system.
Get details via QR code
English
Mon 11/02/2026, 11:25:04

CPU Temperature	: 31.5 °C / 88.7 °F
M/B Temperature	: 21.0 °C / 69.8 °F
CPU Fan 1 Speed	: 4054 RPM
CPU Fan 2 Speed	: 1358 RPM
SB_FAN1 Speed	: 2657 RPM
Chassis Fan 1 Speed	: 509 RPM
Chassis Fan 2 Speed	: 482 RPM
Chassis Fan 3 Speed	: 1356 RPM
Chassis Fan 4 Speed	: 528 RPM
CPU Vcore Voltage	: +1.088 V
DRAM Voltage	: +1.357 V
VDDP Voltage	: +0.936 V
VPPM Voltage	: +2.528 V
CPU VDD 1.8V	: +1.808 V
CPU VDDCR_SOC	: +1.000 V
PREM_VDDCR_SOC	: +0.949 V

Description

Get details via QR code

CPU VDDCR_SOC	: +1.000 V
PREM_VDDCR_SOC	: +0.949 V
+ 12.00V	: +12.091 V
+ 5.00V	: +5.064 V
+ 3.30V	: +3.328 V

CPU Fan 1 Setting	Standard Mode
CPU Fan Step Up	0 Sec
CPU Fan Step Down	0 Sec
SB_FAN1 Setting	Standard Mode

CPU_Fan2 and Chassis Fan Configuration

FAN-Tastic Tuning

FanTuning

Description

Detect the lowest fan speed in the system. It may take 3-5 minutines to complete.

Get details via QR code

ASRock Taichi

Main | OC Tweaker | Advanced | Tool | H/W Monitor | Security | Boot | Exit

H/W Monitor\CPU_Fan2 and Chassis Fan Configuration

CPU_FAN2/WP Switch	CPU_FAN2
CPU Fan 2 Control Mode	Auto
CPU Fan 2 Setting	Standard Mode
Select Fan Temperature Source	Monitor CPU
CPU Optional Fan Step Up	0 Sec
CPU Optional Fan Step Down	0 Sec
CHA_FAN1/WP Switch	CHA_FAN1
Chassis Fan 1 Control Mode	Auto
Chassis Fan 1 Setting	Standard Mode
Chassis Fan 1 Temp Source	Monitor M/B
Chassis Fan 1 Step Up	0 Sec
Chassis Fan 1 Step Down	0 Sec
CHA_FAN2/WP Switch	CHA_FAN2
Chassis Fan 2 Control Mode	Auto
Chassis Fan 2 Setting	Standard Mode

Description

Switch CPU_FAN2 / W_PUMP header function

Get details via QR code

English

Mon 11/02/2026, 11:27:29

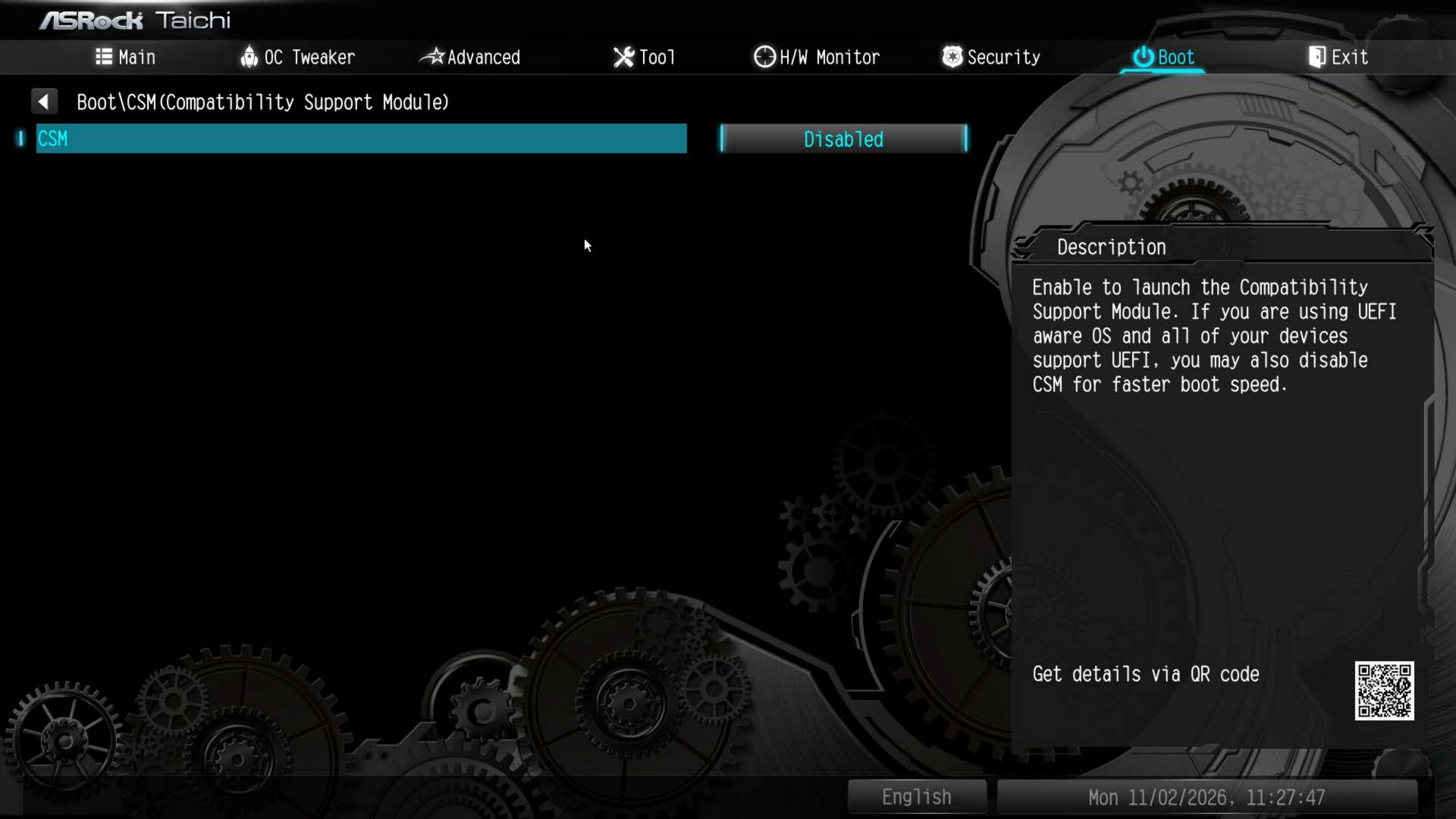
Boot Option Priorities

Boot Option #1	Windows Boot Manager ...
Boot Option #2	Disabled
Boot From Onboard LAN	Disabled
Setup Prompt Timeout	1
Bootup Num-Lock	On
Full Screen Logo	Enabled
Fast Boot	Disabled
CSM(Compatibility Support Module)	

Description

OpROM execution, boot options filter, etc.

Get details via QR code


ASRock Taichi
Main
OC Tweaker
Advanced
Tool
H/W Monitor
Security
Boot
Exit
Boot\CSM(Compatibility Support Module)
CSM
Disabled
Description
Enable to launch the Compatibility Support Module. If you are using UEFI aware OS and all of your devices support UEFI, you may also disable CSM for faster boot speed.
Get details via QR code
English
Mon 11/02/2026, 11:27:47

ASRock Taichi

Main | OC Tweaker | Advanced | Tool | H/W Monitor | Security | Boot | Exit

- Save Changes and Exit
- Discard Changes and Exit
- Discard Changes
- Load UEFI BIOS Defaults

- Launch EFI Shell from filesystem device

Boot Override

- UEFI OS (S3SSDC256)
- Windows Boot Manager (Samsung SSD 860 PRO 256GB)

Description

Exit system setup after saving the changes.

F10 key can be used for this operation.

Get details via QR code

English

Mon 11/02/2026, 11:28:11