

[2018/04/18 22:08:54]
Ai Overclock Tuner [Default]
Custom CPU Core Ratio [Auto]
> CPU Core Ratio [39.00]
Performance Bias [Auto]
Memory Frequency [DDR4-3200MHz]
Core Performance Boost [Disabled]
SMT Mode [Auto]
EPU Power Saving Mode [Disabled]
TPU [Keep Current Settings]
CPU Core Voltage [Offset mode]
CPU Offset Mode Sign [-]
- CPU Core Voltage Offset [Auto]
CPU SOC Voltage [Offset mode]
VDDSOC Offset Mode Sign [-]
- VDDSOC Voltage Offset [Auto]
DRAM Voltage [1.27000]
1.8V PLL Voltage [Auto]
1.05V SB Voltage [Auto]
Target TDP [Auto]
TRC_EOM [Auto]
TRTP_EOM [Auto]
TRRS_S_EOM [Auto]
TRRS_L_EOM [Auto]
TWTR_EOM [Auto]
TWTR_L_EOM [Auto]
TWCL_EOM [Auto]
TWR_EOM [Auto]
TFAW_EOM [Auto]
TRCT_EOM [Auto]
TREFI_EOM [Auto]
TRDRD_DD_EOM [Auto]
TRDRD_SD_EOM [Auto]
TRDRD_SC_EOM [Auto]
TRDRD_SCDLR_EOM [Auto]
TRDRD_SCL_EOM [Auto]
TWRWR_DD_EOM [Auto]
TWRWR_SD_EOM [Auto]
TWRWR_SC_EOM [Auto]
TWRWR_SCDLR_EOM [Auto]
TWRWR_SCL_EOM [Auto]
TWRRD_EOM [Auto]
TRDWR_EOM [Auto]
TWRRD_SCDLR_EOM [Auto]
DRAM CAS# Latency [Auto]
DRAM RAS# to CAS# Read Delay [Auto]
DRAM RAS# to CAS# Write Delay [Auto]
DRAM RAS# PRE Time [Auto]
DRAM RAS# ACT Time [Auto]
Trc_SM [Auto]
TrrdS_SM [Auto]
TrrdL_SM [Auto]
Tfaw_SM [Auto]
TwtrS_SM [Auto]
TwtrL_SM [Auto]
Twr_SM [Auto]
Trcpage_SM [Auto]
TrdrdScl_SM [Auto]

TwrwrScl_SM [Auto]
Trfc_SM [Auto]
Trfc2_SM [Auto]
Trfc4_SM [Auto]
Tcwl_SM [Auto]
Trtp_SM [Auto]
Trdwr_SM [Auto]
Twrrd_SM [Auto]
TwrwrSc_SM [Auto]
TwrwrSd_SM [Auto]
TwrwrDd_SM [Auto]
TrdrdSc_SM [Auto]
TrdrdSd_SM [Auto]
TrdrdDd_SM [Auto]
Tcke_SM [Auto]
ProcODT_SM [Auto]
Cmd2T [Auto]
Gear Down Mode [Auto]
Power Down Enable [Auto]
RttNom [Auto]
RttWr [Auto]
RttPark [Auto]
VTTDDR Voltage [Auto]
VPP_MEM Voltage [Auto]
DRAM CTRL REF Voltage on CHA [Auto]
DRAM CTRL REF Voltage on CHB [Auto]
VDDP Voltage [Auto]
VDDP Standby Voltage [Auto]
1.8V Standby Voltage [Auto]
CPU 3.3v AUX [Auto]
2.5V SB Voltage [Auto]
DRAM R1 Tune [Auto]
DRAM R2 Tune [Auto]
DRAM R3 Tune [Auto]
DRAM R4 Tune [Auto]
PCIE Tune R1 [Auto]
PCIE Tune R2 [Auto]
PCIE Tune R3 [Auto]
PLL Tune R1 [Auto]
PLL reference voltage [Auto]
T Offset [Auto]
Sense MI Skew [Auto]
Sense MI Offset [Auto]
Promontory presence [Auto]
Clock Amplitude [Auto]
CPU Load-line Calibration [Auto]
CPU Current Capability [Auto]
CPU VRM Switching Frequency [Auto]
VRM Spread Spectrum [Auto]
CPU Power Duty Control [T.Probe]
CPU Power Phase Control [Auto]
CPU Power Thermal Control [120]
VDDSOC Load-line Calibration [Auto]
VDDSOC Current Capability [Auto]
VDDSOC Switching Frequency [Auto]
VDDSOC Phase Control [Auto]
DRAM Current Capability [100%]
DRAM Power Phase Control [Extreme]

DRAM Switching Frequency [Auto]
DRAM VBoot Voltage [1.27000]
Security Device Support [Enable]
TPM Device Selection [Discrete TPM]
Erase fTPM NV for factory reset [Enabled]
PSS Support [Enabled]
NX Mode [Enabled]
SVM Mode [Disabled]
SATA Port Enable [Enabled]
PT XHCI GEN1 [Auto]
PT XHCI GEN2 [Auto]
PT USB Equalization4 [Auto]
PT USB Redriver [Auto]
PT PCIE PORT 0 [Auto]
PT PCIE PORT 1 [Auto]
PT PCIE PORT 2 [Auto]
PT PCIE PORT 3 [Auto]
PT PCIE PORT 4 [Auto]
PT PCIE PORT 5 [Auto]
PT PCIE PORT 6 [Auto]
PT PCIE PORT 7 [Auto]
Onboard PCIE LAN PXE ROM [Enabled]
AMD CRB EHCI Debug port switch [Disabled]
Onboard LED [Enabled]
Hyper kit Mode [Disabled]
SATA Port Enable [Enabled]
SATA Mode [AHCI]
SMART Self Test [Enabled]
Hot Plug [Disabled]
ErP Ready [Disabled]
Restore On AC Power Loss [Power Off]
Power On By PCI-E/PCI [Disabled]
Power On By RTC [Disabled]
Super I/O Clock Skew [Disabled]
HD Audio Controller [Enabled]
PCIEX4_3 Bandwidth [Auto]
PCIEX16_1 Mode [Auto]
PCIEX8_2 Mode [Auto]
PCIEX4_3 Mode [Auto]
M.2 Link Mode [Auto]
SB Link Mode [Auto]
Asmedia USB 3.1 Controller [Enabled]
RGB LED lighting [Enabled]
In sleep, hibernate and soft off states [On]
Intel LAN Controller [Enabled]
Intel LAN OPROM [Disabled]
USB Type C Power Switch for USB3.1_E1 [Auto]
USB Type C Power Switch for USB3.1_EC2 [Auto]
Network Stack [Disabled]
Debug Port Table [Disabled]
Debug Port Table 2 [Disabled]

Device [ST2000DM006-2DM164]
Legacy USB Support [Enabled]
XHCI Hand-off [Enabled]
USB Mass Storage Driver Support [Enabled]
USB3.1_E1 [Auto]
USB3_1 [Enabled]
USB3_2 [Enabled]
USB3_3 [Enabled]
USB3_4 [Enabled]
USB3_5 [Auto]
USB3_6 [Auto]
USB3_7 [Auto]
USB3_8 [Auto]
USB3_9 [Auto]
USB3_10 [Auto]
USB2_11 [Auto]
USB2_12 [Auto]
USB2_13 [Auto]
USB2_14 [Auto]
USB_15 [Auto]
USB_16 [Auto]
CPU Temperature [Monitor]
MotherBoard Temperature [Monitor]
VRM Temperature [Monitor]
PCH Temperature [Monitor]
T_Sensor1 Temperature [Monitor]
CPU Fan Speed [Ignore]
Chassis Fan 1 Speed [Monitor]
Chassis Fan 2 Speed [Monitor]
Chassis Fan 3 Speed [Monitor]
W_PUMP+ Speed [Monitor]
CPU Optional Fan Speed [Monitor]
AIO_PUMP Speed [Monitor]
W_FLOW Speed [Monitor]
W_IN Temperature [Monitor]
W_OUT Temperature [Monitor]
CPU Core Voltage [Monitor]
3.3V Voltage [Monitor]
5V Voltage [Monitor]
12V Voltage [Monitor]
CPU Q-Fan Control [Disabled]
W_PUMP+ Control [Disabled]
Chassis Fan 1 Q-Fan Control [Auto]
Chassis Fan 1 Q-Fan Source [CPU]
Chassis Fan 1 Smoothing Up/Down Time [0 sec]
Chassis Fan 1 Speed Low Limit [200 RPM]
Chassis Fan 1 Profile [Standard]
Chassis Fan 2 Q-Fan Control [Auto]
Chassis Fan 2 Q-Fan Source [CPU]
Chassis Fan 2 Smoothing Up/Down Time [0 sec]
Chassis Fan 2 Speed Low Limit [200 RPM]
Chassis Fan 2 Profile [Standard]
Chassis Fan 3 Q-Fan Control [Auto]
Chassis Fan 3 Q-Fan Source [CPU]
Chassis Fan 3 Smoothing Up/Down Time [0 sec]
Chassis Fan 3 Speed Low Limit [200 RPM]
Chassis Fan 3 Profile [Standard]
OnChip SATA Channel [Auto]

OnChip SATA Type [AHCI]
USB3_1 [Enabled]
USB3_2 [Enabled]
USB3_3 [Enabled]
USB3_4 [Enabled]
IR Config [RX & TX0 Only]
SdForce18 Enable [Disabled]
SD Mode configuration [AMDA]
Uart 0 Enable [Enabled]
Uart 1 Enable [Enabled]
I2C 0 Enable [Enabled]
I2C 1 Enable [Enabled]
I2C 2 Enable [Disabled]
I2C 3 Enable [Disabled]
GPIO Devices Support [Auto]
ESATA Port On Port 0 [Auto]
ESATA Port On Port 1 [Auto]
ESATA Port On Port 2 [Auto]
ESATA Port On Port 3 [Auto]
ESATA Port On Port 4 [Auto]
ESATA Port On Port 5 [Auto]
ESATA Port On Port 6 [Auto]
ESATA Port On Port 7 [Auto]
SATA Power On Port 0 [Auto]
SATA Power On Port 1 [Auto]
SATA Power On Port 2 [Auto]
SATA Power On Port 3 [Auto]
SATA Power On Port 4 [Auto]
SATA Power On Port 5 [Auto]
SATA Power On Port 6 [Auto]
SATA Power On Port 7 [Auto]
SATA Port 0 MODE [Auto]
SATA Port 1 MODE [Auto]
SATA Port 2 MODE [Auto]
SATA Port 3 MODE [Auto]
SATA Port 4 MODE [Auto]
SATA Port 5 MODE [Auto]
SATA Port 6 MODE [Auto]
SATA Port 7 MODE [Auto]
SATA Hot-Removable Support [Auto]
SATA 6 AHCI Support [Auto]
Int. Clk Differential Spread [Auto]
SATA MAXGEN2 CAP OPTION [Auto]
SATA CLK Mode Option [Auto]
Aggressive Link PM Capability [Auto]
Port Multiplier Capability [Auto]
SATA Ports Auto Clock Control [Auto]
SATA Partial State Capability [Auto]
SATA FIS Based Switching [Auto]
SATA Command Completion Coalescing Support [Auto]
SATA Slumber State Capability [Auto]
SATA MSI Capability Support [Auto]
SATA Target Support 8 Devices [Auto]
Generic Mode [Auto]
SATA AHCI Enclosure [Auto]
SATA SGPIO 0 [Disabled]
SATA SGPIO 1 [Disabled]
SATA PHY PLL [Auto]

AC/DC Change Message Delivery [Disabled]
TimerTick Tracking [Auto]
Clock Interrupt Tag [Enabled]
EHCI Traffic Handling [Disabled]
Fusion Message C Multi-Core [Disabled]
Fusion Message C State [Disabled]
SPI Read Mode [Auto]
SPI 100MHz Support [Auto]
SPI Normal Speed [Auto]
SPI Fast Read Speed [Auto]
SPI Burst Write [Auto]
I2C 0 D3 Support [Auto]
I2C 1 D3 Support [Auto]
I2C 2 D3 Support [Auto]
I2C 3 D3 Support [Auto]
UART 0 D3 Support [Auto]
UART 1 D3 Support [Auto]
SATA D3 Support [Auto]
EHCI D3 Support [Auto]
XHCI D3 Support [Auto]
SD D3 Support [Auto]
S0I3 [Auto]
Chipset Power Saving Features [Enabled]
SB Clock Spread Spectrum [Auto]
SB Clock Spread Spectrum Option [-0.375%]
HPET In SB [Auto]
MsiDis in HPET [Auto]
_OSC For PCI0 [Auto]
USB Phy Power Down [Auto]
PCIB_CLK_Stop Override [0]
USB MSI Option [Auto]
LPC MSI Option [Auto]
PCIBridge MSI Option [Auto]
AB MSI Option [Auto]
SB ClE Support [Auto]
SB Hardware Reduced Support [Auto]
GPP Serial Debug Bus Enable [Auto]
IOMMU [Auto]
Remote Display Feature [Auto]
Gnb Hd Audio [Auto]
PSPP Policy [Auto]
Memory Clock [Auto]
Bank Interleaving [Enabled]
Channel Interleaving [Enabled]
Memory Clear [Disabled]
Fast Boot [Disabled]
Boot Logo Display [Auto]
POST Delay Time [3 sec]
Boot up NumLock State [Enabled]
Wait For 'F1' If Error [Enabled]
Option ROM Messages [Enabled]
Interrupt 19 Capture [Disabled]
Setup Mode [Advanced Mode]
Launch CSM [Enabled]
Boot Device Control [UEFI and Legacy OPROM]
Boot from Network Devices [Legacy only]
Boot from Storage Devices [Legacy only]
Boot from PCI-E Expansion Devices [Legacy only]

OS Type [Other OS]
Setup Animator [Disabled]
Load from Profile [1]
Profile Name []
Save to Profile [1]
CPU Core Voltage [Auto]
VDDSOC Voltage [Auto]
1.8V PLL Voltage [Auto]
BCLK Frequency [Auto]
CPU Ratio [Auto]
Bus Interface [PCIEX16/X8_1]