



# ***CPT330B-8C8P -G1660S***

***Autonomous Driving GPU Computer***



25

60,000

21,0

654,520	8,078,511
901,705	4,346,501
805,210	6,688,570

**User's Manual**

Revision Date: Dec. 29, 2021



## Safety Information

### Electrical safety

- To prevent electrical shock hazard, disconnect the power cable from the electrical outlet before relocating the system.
- When adding or removing devices to or from the system, ensure that the power cables for the devices are unplugged before the signal cables are connected. If possible, disconnect all power cables from the existing system before you add a device.
- Before connecting or removing signal cables from the motherboard, ensure that all power cables are unplugged.
- Seek professional assistance before using an adapter or extension cord. These devices could interrupt the grounding circuit.
- Make sure that your power supply is set to the correct voltage in your area.
- If you are not sure about the voltage of the electrical outlet you are using, contact your local power company.
- If the power supply is broken, do not try to fix it by yourself. Contact a qualified service technician or your local distributor.

### Operation safety

- Before installing the motherboard and adding devices on it, carefully read all the manuals that came with the package.
- Before using the product, make sure all cables are correctly connected and the power cables are not damaged. If you detect any damage, contact your dealer immediately.
- To avoid short circuits, keep paper clips, screws, and staples away from connectors, slots, sockets and circuitry.
- Avoid dust, humidity, and temperature extremes. Do not place the product in any area where it may become wet.
- Place the product on a stable surface.
- If you encounter any technical problems with the product, contact your local distributor

### Statement

- All rights reserved. No part of this publication may be reproduced in any form or by any means, without prior written permission from the publisher.
- All trademarks are the properties of the respective owners.
- All product specifications are subject to change without prior notice

## Revision History

Revision	Date (yyyy/mm/dd)	Changes
V1.0	2021/12/29	First release

## Packing List

Item	Description	Q'ty
1	CPT330B-8C8P-G1660S embedded system	1
2	Driver CD	1
3	SSD tray key	2
4	2-pin terminal block (for remote power on/off & reset)	2
5	4-pin terminal block (for Fan connector)	1



If any of the above items is damaged or missing, please contact your local distributor.



## Table Content

<b>SAFETY INFORMATION</b> .....	1
ELECTRICAL SAFETY .....	1
OPERATION SAFETY .....	1
STATEMENT .....	1
<b>REVISION HISTORY</b> .....	2
<b>PACKING LIST</b> .....	2
<b>TABLE CONTENT</b> .....	3
<b>CHAPTER 1: PRODUCT INTRODUCTION</b> .....	4
<b>1.1 KEY FEATURES</b> .....	4
<b>1.2 BLOCK DIAGRAM</b> .....	6
<b>1.3 FRONT I/O PLACEMENT</b> .....	7
<b>1.4 REAR I/O PLACEMENT</b> .....	7
<b>1.5 MECHANICAL DIMENSIONS</b> .....	8
<b>CHAPTER 2: CONNECTORS PIN DEFINE</b> .....	9
<b>2.1 EXTERNAL CONNECTOR PIN DEFINITION</b> .....	9
<b>CHAPTER 3: AMI BIOS UTILITY</b> .....	11
<b>3.1 STARTING</b> .....	11
<b>3.2 NAVIGATION KEYS</b> .....	11
<b>3.3 MAIN PAGE</b> .....	12
<b>3.4 ADVANCED PAGE</b> .....	13
3.4.1 Onboard Device .....	14
3.4.2 CPU Configuration.....	15
3.4.3 Trusted Computing .....	16
3.4.4 WatchDog .....	18
3.4.5 Super IO Configuration .....	19
3.4.6 NCT6116D HW Monitor .....	21
3.4.7 S5 RTC Wake Setting .....	22
3.4.8 Network Stack Configuration .....	23
3.4.9 NVMe Configuration .....	24
<b>3.5 SECURITY PAGE</b> .....	25
3.5.1 Secure Boot.....	26
3.5.2 BIOS Update.....	31
<b>3.6 BOOT PAGE</b> .....	32
<b>3.7 SAVE &amp; EXIT PAGE</b> .....	34



## Chapter 1: Product Introduction

### 1.1 Key Features

#### SYSTEM

CPU	8/9th Gen Intel® Coffee Lake-R Xeon LGA1151 Socket Processor, 6-core TDP Max. 80W 8/9th Gen Intel® Coffee Lake-R Core i7/i5/i3 LGA1151 Socket Processor, 6-core TDP Max. 65W 9th Gen Intel® Coffee Lake-R Core i9 LGA1151 Socket Processor, 8-core TDP Max 35W
Chipset	Intel® C246
Memory type	DDR4-2666 SO-DIMM up to 64G (Xeon SKU support ECC)
Storage Device	2 x 2.5" SATAIII HDD / SSD SWAP tray

#### FRONT I/O

Power Button	1 x (with LED indicator)
PWR LED	1
HDD LED	1
DIO LED	1
ACT LED	2
SPEED LED	2
HDMI	1
USB	2 x USB 3.0
CANBUS	8
POE	8

#### REAR I/O

COM	2 x RS232 / 422 / 485
Ethernet	4 x RJ45
USB	4 x USB 3.0, 2 x USB 2.0
PS/2	1
DisplayPort	1
DVI-I	1

# CPT330B-8C8P-G1660S User's Manual

Revision Date: Dec. 29. 2021

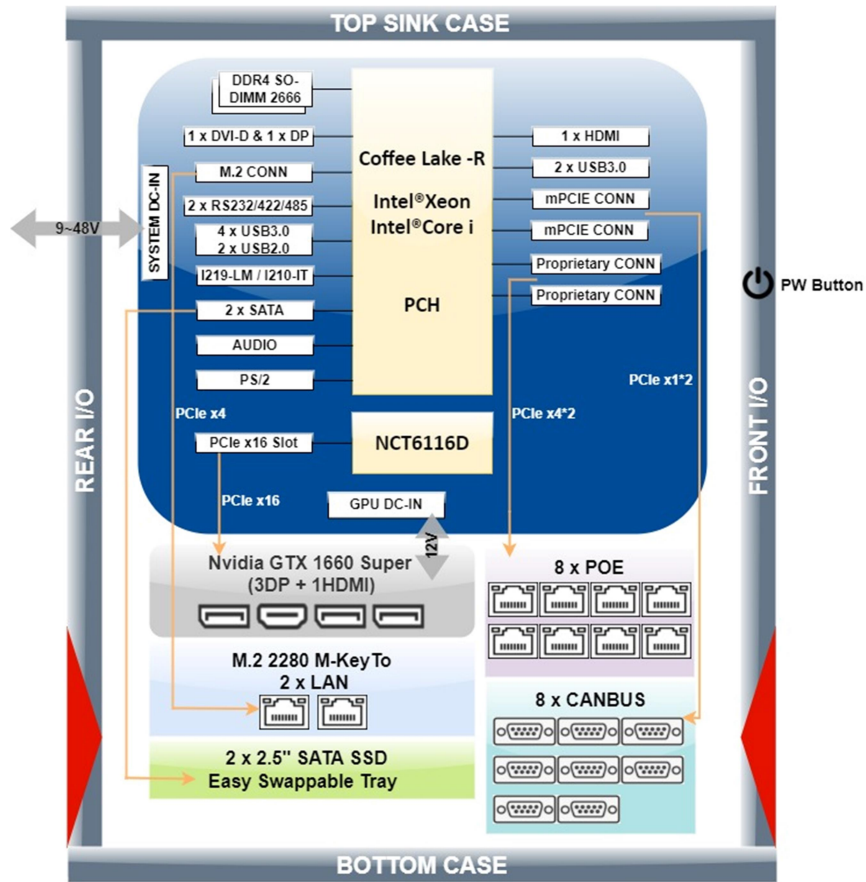


Terminal Block	1 x 2Pin Terminal Block Remote Power ON/OFF
	1 x 2Pin Terminal Block Remote Reset
	1 x 4Pin Terminal Block External FAN Connector
Audio	1 x Mic-in, 1 x Line-out
SSD Tray	2
GPU External Display	1 x GPU GTX1660S(3 x DP + 1 x HDMI)
	1 x GPU RTX2060(3 x DP + 1 x HDMI)(Optional)
Graphic External Power	DC-IN12V
System Power	DC-IN 9~48V

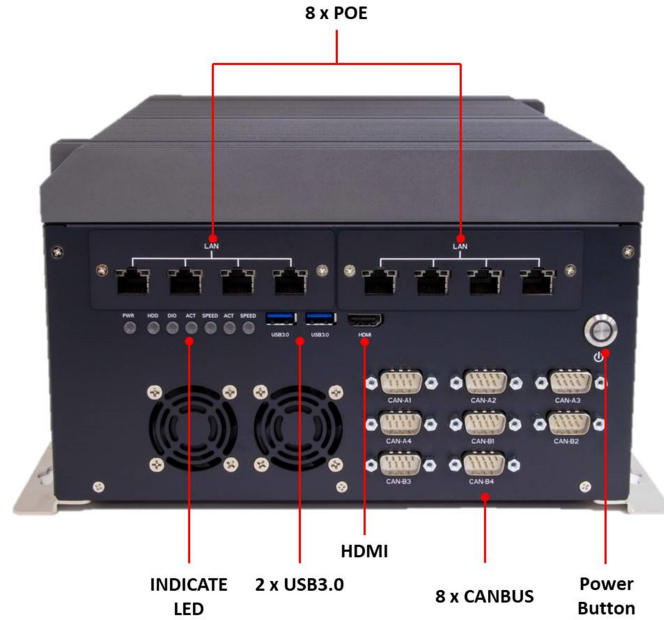
## MECHANICAL & ENVIRONMENT

Dimension (W x H x D)	250 x 150 x 264.2mm
Operating Temp. (ambient with air flow)	-20 to 60°C
Storage Temp.	-40 to +85°C
Relative Humidity	5% to 95%, non-condensing

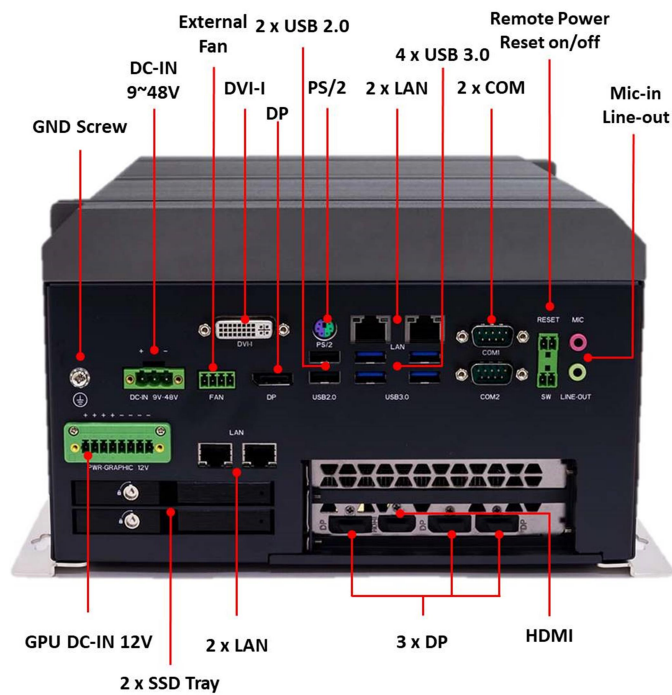
## 1.2 Block Diagram



## 1.3 Front I/O Placement



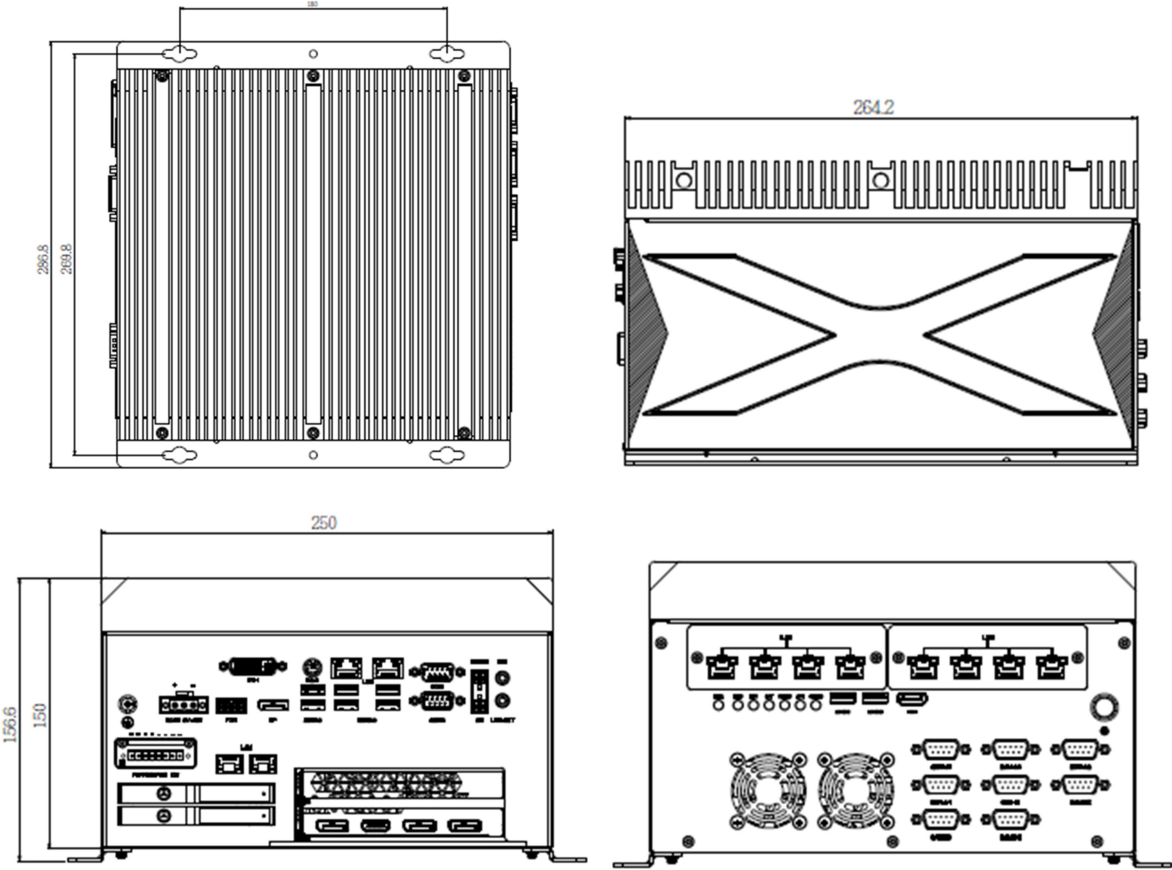
## 1.4 Rear I/O Placement







## 1.5 Mechanical Dimensions

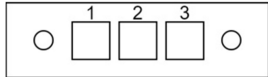


## Chapter 2: Connectors Pin Define

### 2.1 External Connector Pin Definition

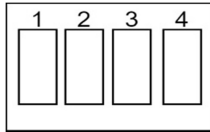
3-PIN terminal block for DC input

Pin	Signal
1	DC IN +9~48VIN
2	Ignition (IGN)
3	GND



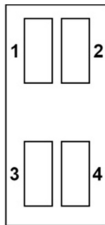
3-PIN terminal block for PWM Fan

Pin	Signal
1	Ground
2	+12V
3	System_FAN_TACH
4	SYSTEM_FAN_CTRL



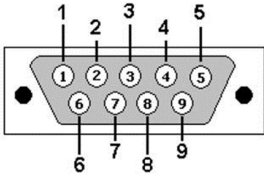
4-PIN terminal block for Remote power on/off and reset

Pin	Signal
1	Ground
2	EXT Reset
3	Ground
4	EXT_PWRBT_ON/OFF



COM pin define

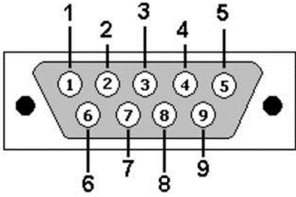
Pin	RS232	RS422	RS485
1	DCD	TX-	DATA-
2	RX	TX+	DATA+
3	RTX	RX-	NC
4	DTR	RX+	NC
5	GND	GND	GND
6	DSR	NC	NC
7	RTS	NC	NC
8	CTS	NC	NC
9	RI	NC	NC





### CANBUS pin define(Optional)

Pin	Signal
1	NC
2	CAN_L
3	GND
4	NC
5	NC
6	GND
7	CAN_H
8	NC
9	NC





## Chapter 3: AMI BIOS UTILITY

This chapter provides users with detailed descriptions on how to set up a basic system configuration through the AMI BIOS setup utility.

### 3.1 Starting

To enter the setup screens, perform the following steps:

- Turn on the computer and press the <Del> key immediately.
- After the <Del> key is pressed, the main BIOS setup menu displays. Other setup screens can be accessed from the main BIOS setup menu, such as the Chipset and Power menus.

### 3.2 Navigation Keys

The BIOS setup/utility uses a key-based navigation system called hot keys. Most of the BIOS setup utility hot keys can be used at any time during the setup navigation process.

Some of the hot keys are <F1>, <F10>, <Enter>, <ESC>, and <Arrow> keys.



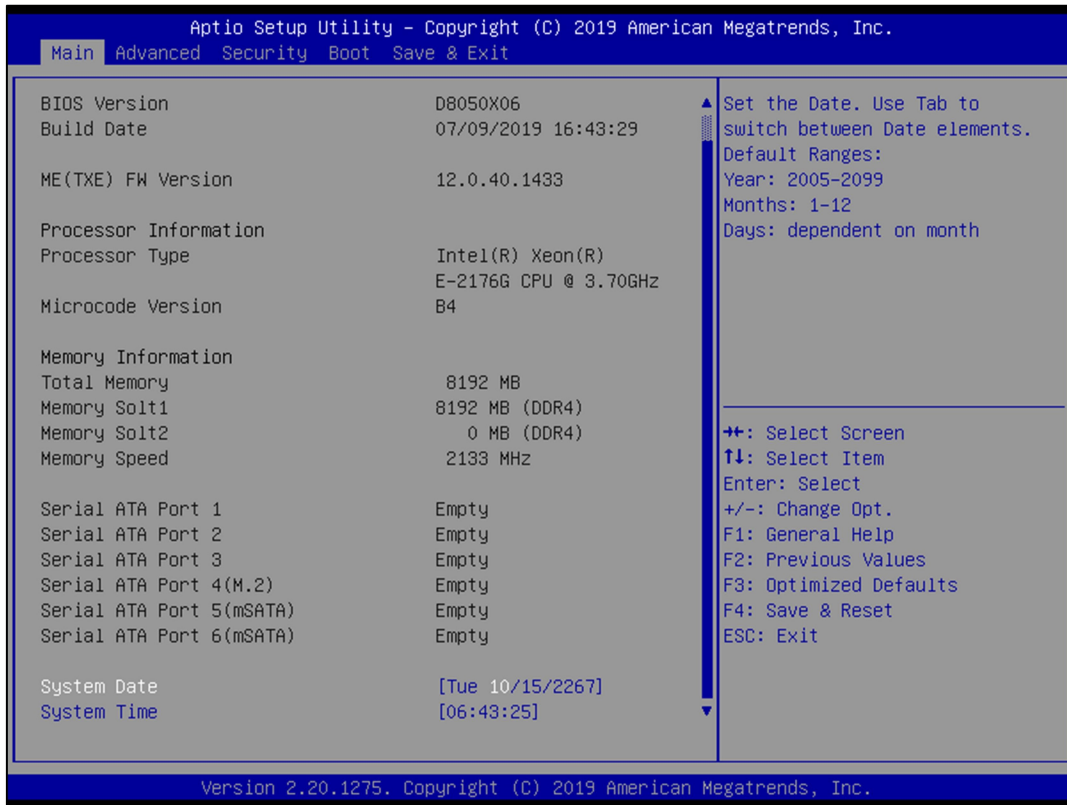
Some of the navigation keys may differ from one screen to another.

Left/Right	The Left and Right <Arrow> keys moves the cursor to select a menu.
Up/Down	The Up and Down <Arrow> keys moves the cursor to select a setup screen or sub-screen.
+– Plus/Minus	The Plus and Minus <Arrow> keys changes the field value of a particular setup setting.
Tab	The <Tab> key selects the setup fields.
F1	The <F1> key displays the General Help screen.
F10	The <F10> key saves any changes made and exits the BIOS setup utility.
Esc	The <Esc> key discards any changes made and exits the BIOS setup utility.
Enter	The <Enter> key displays a sub-screen or changes a selected or highlighted option in each menu.



## 3.3 Main Page

The Main menu is the first screen that you will see when you enter the BIOS Setup Utility.



### System Date

Use this function to change the system date.

Select System Date using the Up and Down <Arrow> keys. Enter the new values through the keyboard. Press the Left and Right <Arrow> keys to move between fields.

The date setting must be entered in MM/DD/YY format.

### System Time

Use this function to change the system time.

Select System Time using the Up and Down <Arrow> keys. Enter the new values through the keyboard. Press the Left and Right <Arrow> keys to move between fields.

The time setting is entered in HH:MM:SS format.

**Note:** The time is in 24-hour format. For example, 5:30 A.M. appears as 05:30:00, and 5:30 P.M. as 17:30:00.

### Access Level

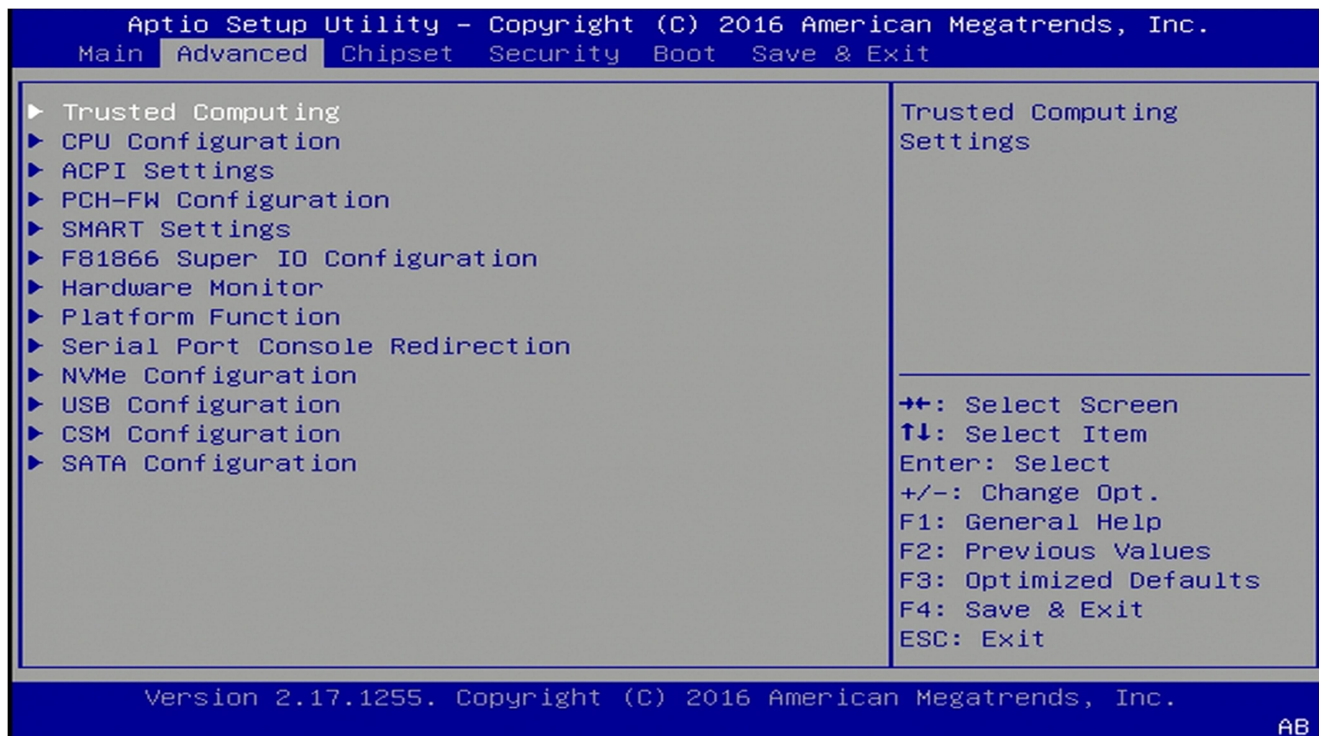
Display the access level of the current user in the BIOS.



## 3.4 Advanced Page

The Advanced Menu allows you to configure your system for basic operation. Some entries are defaults required by the system board, while others, if enabled, will improve the performance of your system or let you set some features according to your preference.

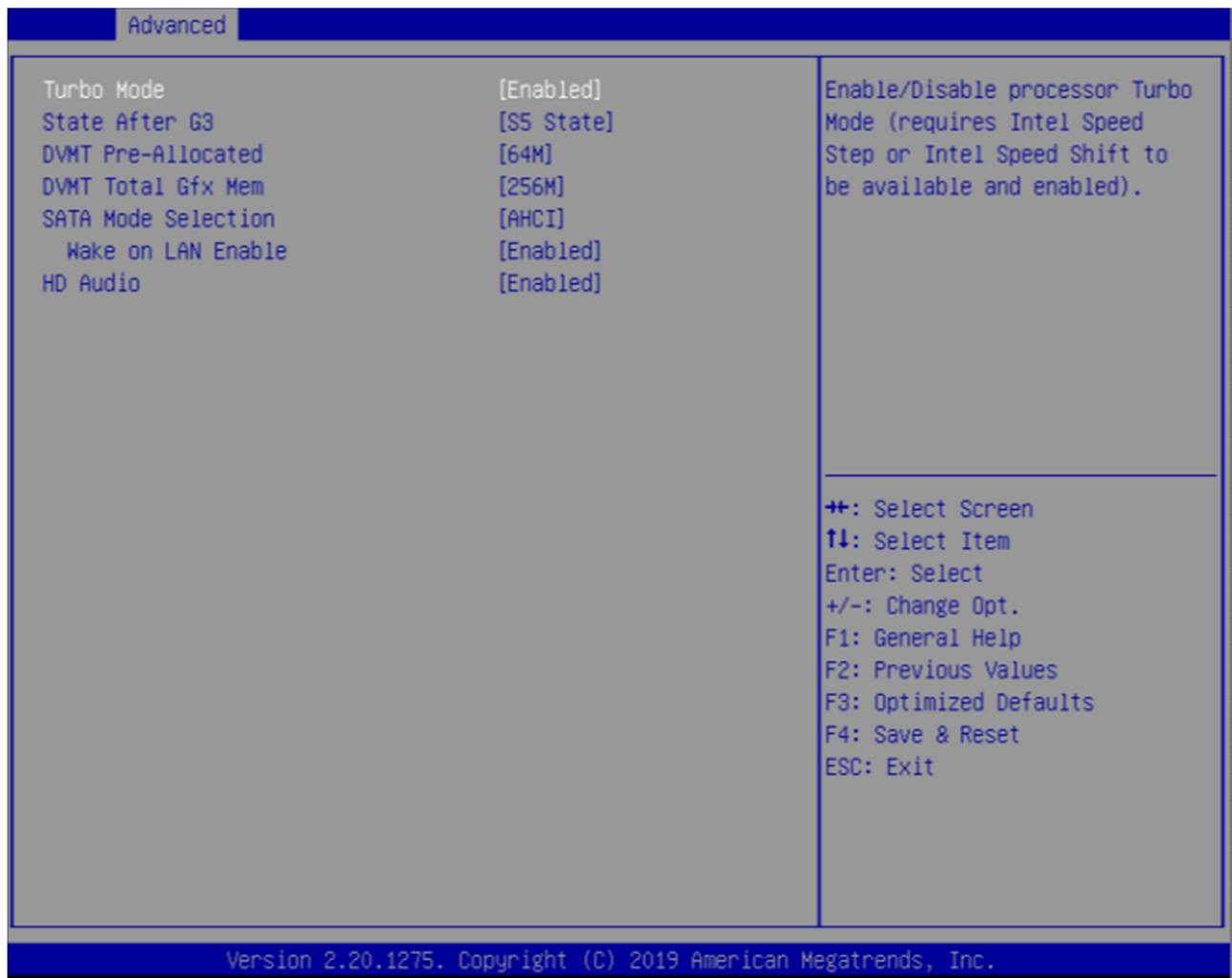
**Setting incorrect field values may cause the system to malfunction.**



Advanced	Description
▶ Onboard Devices	Onboard Device Configuration
▶ CPU Configuration	CPU Configuration Parameters
▶ Trusted Computing	Trusted Computing Settings
▶ WatchDog	WatchDog Configuration
▶ Super IO Configuration	System Super IO Chip Parameters.
▶ NCT6116D HW Monitor	Monitor hardware status
▶ S5 RTC Wake Setting	Enable System to wake from S5 using RTC alarm
▶ Network Stack Configuration	Network Stack Settings
▶ NVMe Configuration	NVMe Device Options Settings



## 3.4.1 Onboard Device



▶ Onboard Devices	Value	Onboard Device Configuration
Turbo Mode	Disabled / [Enabled]	Enable/Disable processor Turbo Mode (requires Intel Speed Step or Intel Speed Shift to be available and enabled).
State After G3	S0 State / [S5 State]	Specify what state to go to when power is re-applied after a power failure (G3 state).
DVMT Pre-Allocated	[64M] / 32M/F7 / 36M / 40M / 44M / 48M / 52M / 56M / 60M	Select DVMT 5.0 Pre-Allocated(Fixed) Graphics Memory size used by the Internal Graphics Device.
DVMT Total Gfx Mem	128MB / [256MB] /Max	Select DVMT5.0 Total Graphic Memory size used by the Internal Graphics Device.
SATA Mode Selection	[AHCI] / Intel RST Premium With Intel	Determines how SATA controller(s) operate.



	Optane System Acceleration	
Wake on LAN Enable	[Enabled] / Disabled	Enable/Disable integrated LAN to wake the system.
HD Audio	Disabled / [Enabled]	Control Detection of the HD-Audio device. Disable = HAD will be unconditionally disabled Enabled = HAD will be unconditionally enabled.

## 3.4.2 CPU Configuration



▶ CPU Configuration	Value	CPU Configuration Parameters
CPU Configuration		
Type	Intel® xxxx® xxxxxx xxxxxxxx	
ID	0xXXXX	
Speed	XXXX MHz	
L1 Data Cache	EX. 32KB x 2	





L1 Instruction Cache	EX. 32KB x 2	
L2 Cache	EX. 256KB x 2	
L3 Cache	EX. 3MB	
L4 Cache		
VMX	Supported	
SMX/TXT	Supported	
Intel Trusted Execution Technology	[Enabled] / Disabled	Enables utilization of additional hardware capabilities provided by Intel® Trusted Execution Technology. Changes require a full power cycle to take effect.

### 3.4.3 Trusted Computing



# CPT330B-8C8P-G1660S User's Manual

Revision Date: Dec. 29. 2021



▶ Trusted Computing	Value	Trusted Computing Settings
TPM20 Device Found		
Firmware Version:	x.x	
Vendor:	xxxxxx	
Security Device Support	[Disabled] / Enabled	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.
Pending operation	[None] / TPM Clear	Schedule an Operation for the Security Device. NOTE: Your Computer will reboot during restart in order to change State of Security Device.



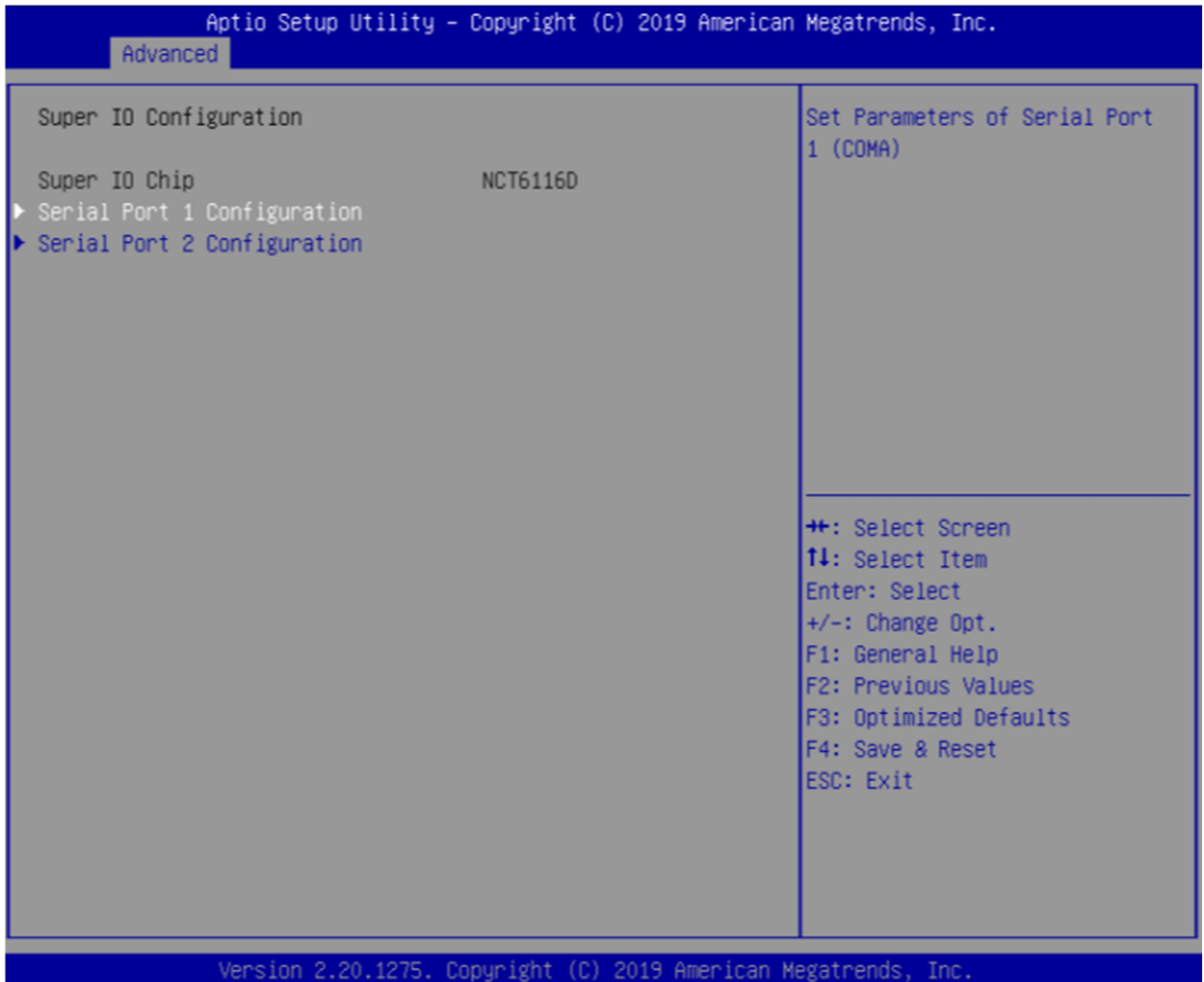
## 3.4.4 WatchDog



▶ WatchDog	Value	WatchDog Configuration
WatchDog	[Disabled] / Enabled	Enables or Ddisables WatchDog function.



## 3.4.5 Super IO Configuration



▶ Super IO Configuration	Value	System Super IO Chip Parameters.
Super IO Configuration		
Super IO Chip	NCT6116D	
▶ Serial Port 1 Configuration	Value	Set Parameters of Serial Port 1 (COMA)
Serial Port 1 Configuration		
Serial Port	Disabled / [Enabled]	Enable or Disable Serial Port (COM)
Device Settings	IO=3F8h; IRQ=4	



Change settings	[Auto] / IO=3F8h; IRQ=4 / IO=3F8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=2F8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=3E8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=2E8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12	Select an optimal settings for Super IO Device
Mode Configuration	[RS232] / RS485 / RS422	Configure serial port as RS232/RS422/RS485.
<b>► Serial Port 2 Configuration</b>	<b>Value</b>	<b>Set Parameters of Serial Port 2 (COMB)</b>
Serial Port 2 Configuration		
Serial Port	Disabled / [Enabled]	Enable or Disable Serial Port (COM)
Device Settings	IO=2E8h; IRQ=4	
Change settings	[Auto] / IO=2E8h; IRQ=7 / IO=3E8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=2E8h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=2F0h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12 / IO=2E0h; IRQ=3, 4, 5, 6, 7, 9, 10, 11, 12	Select an optimal settings for Super IO Device
Mode Configuration	[RS232] / RS485 / RS422	Configure serial port as RS232/RS422/RS485.



## 3.4.6 NCT6116D HW Monitor

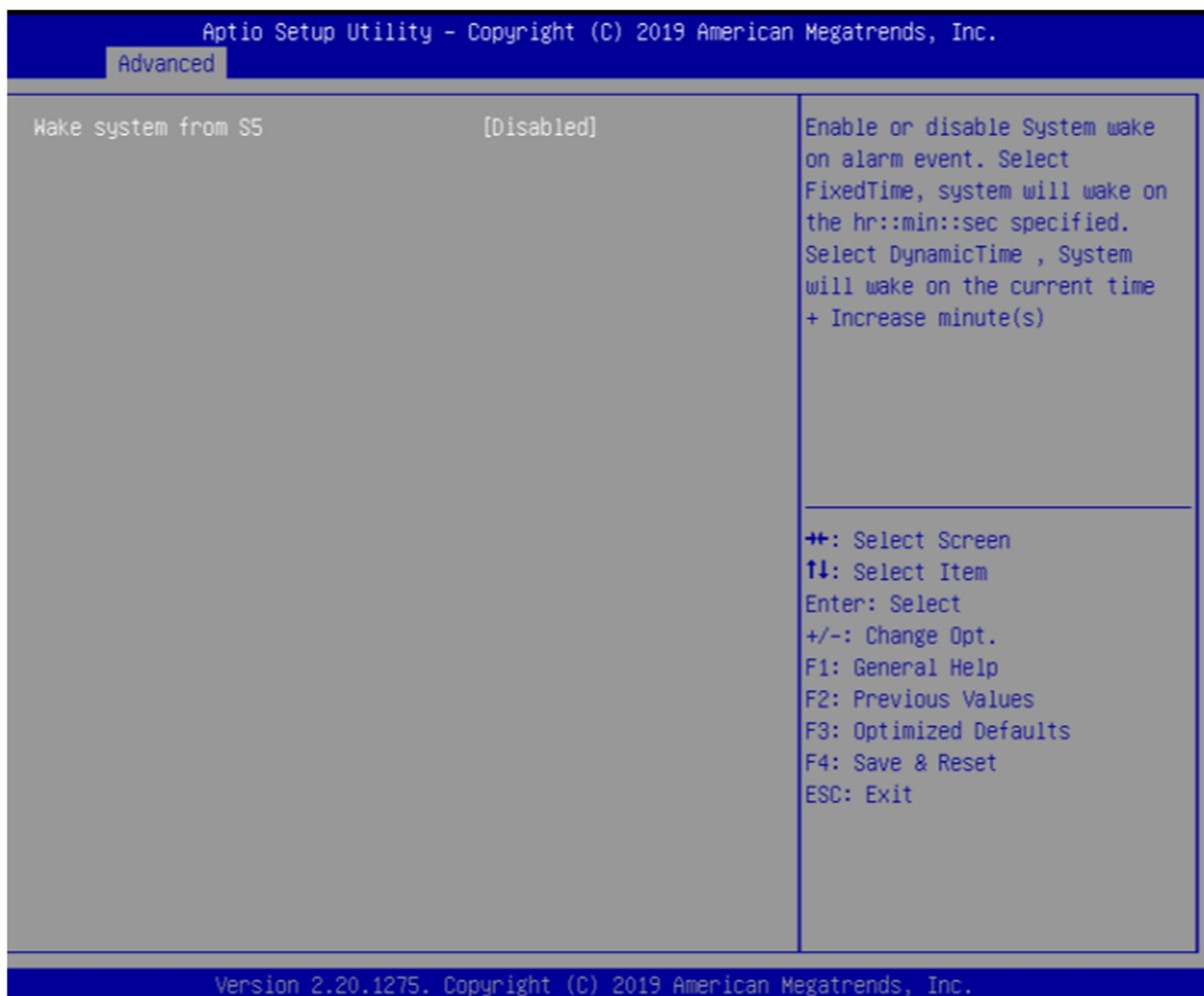


▶ NCT6116D HW Monitor	Value	Monitor hardware status
PC Health Status		
Hardware Monitor Alert Enable	[Disabled] / Enabled	If Enabled, POST monitors voltage, temperature, and fan status. If these values are out of range, BIOS display warning message and turn on beep sound.
CPU Temperature	xx °C	
CPU VR Temperature	xx °C	
DIMM Temperature	xx °C	



System Fan_Internal Speed	xx RPM	
System Fan_External Speed	xx RPM	
VCORE	xx V	
PCH IO volt	xx V	
System Memory	xx V	
AVSB	xx V	
VSB3V	xx V	

### 3.4.7 S5 RTC Wake Setting





▶ S5 RTC Wake Setting	Value	Enable System to wake from S5 using RTC alarm
Wake System with Fixed Time from S5	[Disabled] / Fixed Time / Dynamic Time	Enable or disable System wake on alarm event. Select FixedTime, system will wake on the hr::min::sec specified. Select DynamicTime , System will wake on the current time + Increase minute(s)

### 3.4.8 Network Stack Configuration







▶ Network Stack Configuration	Value	Network Stack Settings
Network Stack	[Disabled] / Enabled	Enable/Disable UEFI Network Stack

### 3.4.9 NVMe Configuration





## 3.5 Security Page

Aptio Setup Utility - Copyright (C) 2019 American Megatrends, Inc.

Main Advanced **Security** Boot Save & Exit

<p>Password Description</p> <p>If ONLY the Administrator's password is set, then this only limits access to Setup and is only asked for when entering Setup.              If ONLY the User's password is set, then this is a power on password and must be entered to boot or enter Setup. In Setup the User will have Administrator rights.              The password length must be in the following range:</p> <table style="width: 100%; border: none;"> <tr> <td style="padding-right: 20px;">Minimum length</td> <td style="text-align: right;">3</td> </tr> <tr> <td>Maximum length</td> <td style="text-align: right;">20</td> </tr> </table> <p>Administrator Password              User Password</p> <p>▶ Secure Boot              ▶ BIOS Update</p>	Minimum length	3	Maximum length	20	<p style="text-align: center;">Set Administrator Password</p> <hr/> <p>++: Select Screen              ↑↓: Select Item              Enter: Select              +/-: Change Opt.              F1: General Help              F2: Previous Values              F3: Optimized Defaults              F4: Save &amp; Reset              ESC: Exit</p>
Minimum length	3				
Maximum length	20				

Version 2.20.1275. Copyright (C) 2019 American Megatrends, Inc.

Security	Value	Description
Password Description		
Administrator Password	xxxx	Set Administrator Password
User Password	xxxx	Set User Password
▶ HDD Security drive(EX: xxxxxxxxxxxxxx)		HDD Security Configuration for selected drive
▶ Secure Boot		Secure Boot configuration
▶ BIOS Update		BIOS Update support



## 3.5.1 Secure Boot





▶ Secure Boot	Value	Secure Boot configuration
System Mode	xxxx	
Secure Boot	[Disabled] / Enabled	Secure Boot feature is Active if Secure Boot is Enable, Platform Key(PK) is enrolled and the System is in User mode. The mode change requires platform reset
Secure Boot Mode	Standard / [Customer]	Secure Boot mode options: Standard or Custom. In Custom mode, Secure Boot Policy variables can be configured by a physically present user without full authentication
▶ Restore Factory Keys	[Yes] / No	Force System to User Mode. Install factory default Secure Boot key database
▶ Reset To Setup Mode	[Yes] / No	Delete all Secure Boot key databases from



		NVRAM
<b>▶ Key Management</b>		<b>Enables expert users to modify Secure Boot Policy variables without full authentication</b>
Vendor Keys	Invalid / Valid	
Factory Key Provision	[Disabled] / Enabled	Install factory default Secure Boot keys after the platform reset and while the System is in Setup mode
▶ Restore Factory Keys	[Yes] / No	Force System to User Mode. Install factory default Secure Boot key database
▶ Reset To Setup Mode	[Yes] / No	Delete all Secure Boot key databases from NVRAM
▶ Export Secure Boot variables	Drive: \Path	Copy NVRAM content of Secure Boot variables to files in a root folder on a file system device
▶ Enroll Efi Image	xxxxxxxxxxxxxxxxxxxx	Allow the image to run in Secure Boot mode. Enroll SHA256 Hash certificate of a PE image into Authorized Signature Database (db)
Device Guard ready		
▶ Remove 'UEFI CA' from DB		Device Guard ready system must not list 'Microsoft UEFI CA' Certificate in Authorized Signature database (db)
▶ Remove DB defaults	[Yes] / No	Restore DB variable to factory defaults
Secure Boot variables	Size   Keys   Key Source	
▶ Platform Key(PK)	[Details] / Export / Update / Delete	Enroll Factory Defaults or load certificates from a file: 1.Public Key Certificate: a)EFI_SIGNATURE_LIST b)EFI_CERT_X509 (DER) c)EFI_CERT_RSA2048 (bin) d)EFI_CERT_SHAXXX 2.Authenticated UEFI Variable 3. EFI PE/COFF Image(SHA256) Key Source: Factory, External,Mixed
▶ Key Exchange Keys	[Details] / Export /	Enroll Factory Defaults or load certificates from



	Update / Append / Delete	<p>a file:</p> <ol style="list-style-type: none"> <li>1.Public Key Certificate:             <ol style="list-style-type: none"> <li>a)EFI_SIGNATURE_LIST</li> <li>b)EFI_CERT_X509 (DER)</li> <li>c)EFI_CERT_RSA2048 (bin)</li> <li>d)EFI_CERT_SHAXXX</li> </ol> </li> <li>2.Authenticated UEFI Variable</li> <li>3. EFI PE/COFF Image(SHA256)</li> </ol> <p>Key Source:</p> <p>Factory, External,Mixed</p>
▶ Authorized Signatures	[Details] / Export / Update / Append / Delete	<p>Enroll Factory Defaults or load certificates from a file:</p> <ol style="list-style-type: none"> <li>1.Public Key Certificate:             <ol style="list-style-type: none"> <li>a)EFI_SIGNATURE_LIST</li> <li>b)EFI_CERT_X509 (DER)</li> <li>c)EFI_CERT_RSA2048 (bin)</li> <li>d)EFI_CERT_SHAXXX</li> </ol> </li> <li>2.Authenticated UEFI Variable</li> <li>3. EFI PE/COFF Image(SHA256)</li> </ol> <p>Key Source:</p> <p>Factory, External,Mixed</p>
▶ Forbidden Signatures	[Details] / Export / Update / Append / Delete	<p>Enroll Factory Defaults or load certificates from a file:</p> <ol style="list-style-type: none"> <li>1.Public Key Certificate:             <ol style="list-style-type: none"> <li>a)EFI_SIGNATURE_LIST</li> <li>b)EFI_CERT_X509 (DER)</li> <li>c)EFI_CERT_RSA2048 (bin)</li> <li>d)EFI_CERT_SHAXXX</li> </ol> </li> <li>2.Authenticated UEFI Variable</li> <li>3. EFI PE/COFF Image(SHA256)</li> </ol> <p>Key Source:</p> <p>Factory, External,Mixed</p>
▶ Authorized TimeStamps	[Details] / Export / Update / Append / Delete	<p>Enroll Factory Defaults or load certificates from a file:</p> <ol style="list-style-type: none"> <li>1.Public Key Certificate:             <ol style="list-style-type: none"> <li>a)EFI_SIGNATURE_LIST</li> <li>b)EFI_CERT_X509 (DER)</li> <li>c)EFI_CERT_RSA2048 (bin)</li> </ol> </li> </ol>



		<ul style="list-style-type: none"> <li>d)EFI_CERT_SHAXXX</li> <li>2.Authenticated UEFI Variable</li> <li>3. EFI PE/COFF Image(SHA256)</li> </ul> <p>Key Source: Factory, External,Mixed</p>
<ul style="list-style-type: none"> <li>▶ OsRecovery Signatures</li> </ul>	<p>[Details] / Export / Update / Append / Delete</p>	<p>Enroll Factory Defaults or load certificates from a file:</p> <ul style="list-style-type: none"> <li>1.Public Key Certificate:             <ul style="list-style-type: none"> <li>a)EFI_SIGNATURE_LIST</li> <li>b)EFI_CERT_X509 (DER)</li> <li>c)EFI_CERT_RSA2048 (bin)</li> <li>d)EFI_CERT_SHAXXX</li> </ul> </li> <li>2.Authenticated UEFI Variable</li> <li>3. EFI PE/COFF Image(SHA256)</li> </ul> <p>Key Source: Factory, External,Mixed</p>



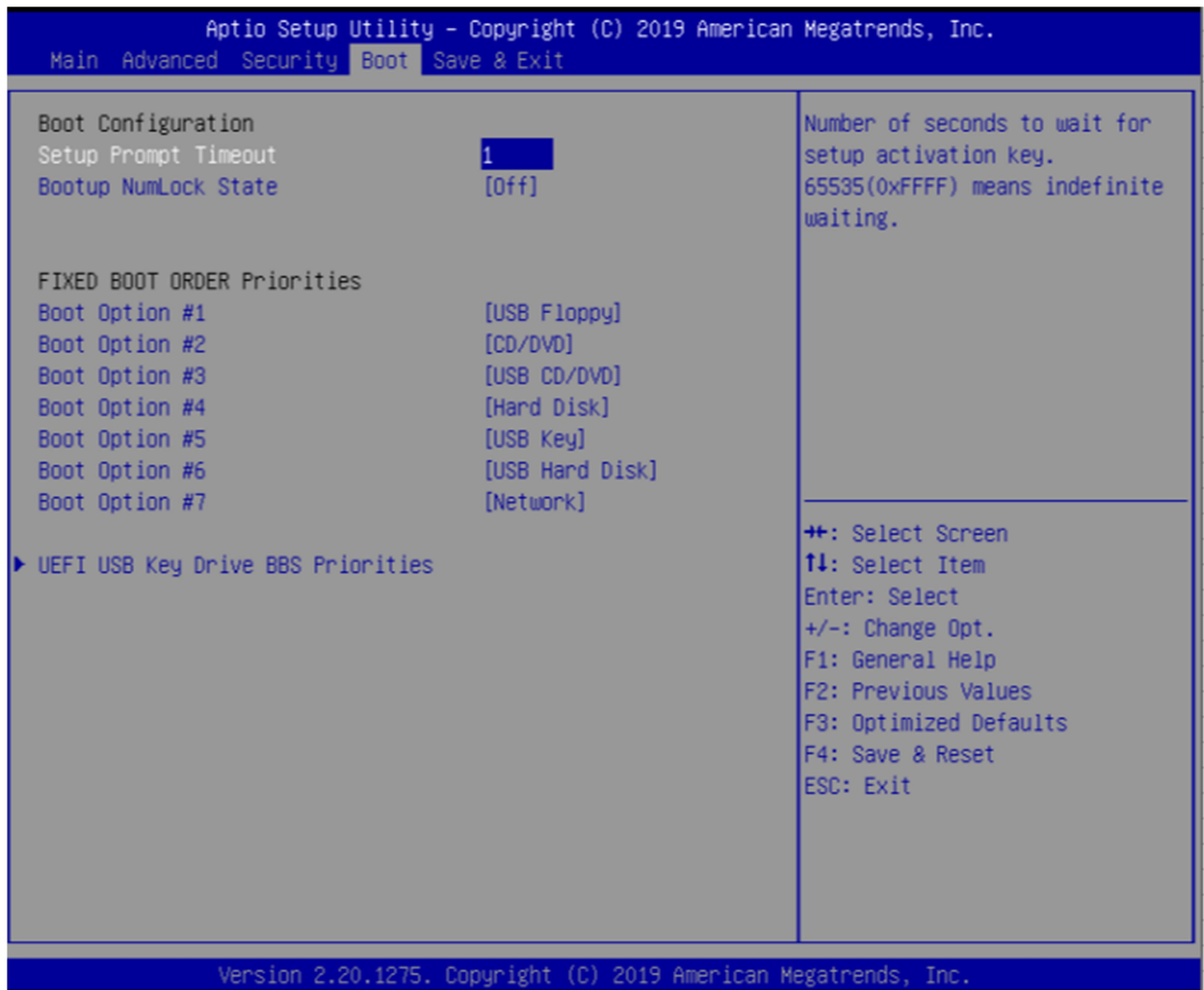
## 3.5.2 BIOS Update







## 3.6 Boot Page



Boot	Value	Description
Setup Prompt Timeout	1	Number of seconds to wait for setup activation key. 65535(0xFFFF) means indefinite waiting.
Bootup NumLock State	On / [Off]	Select the keyboard NumLock state
FIXED BOOT ORDER Priorities		
Boot Optoin #1	[USB Floppy] / CD/DVD / USB CD/DVD / Hard Disk / USB Key / USB	Sets the system boot order

# CPT330B-8C8P-G1660S User's Manual

Revision Date: Dec. 29. 2021



	Hard Disk / Network / Disable	
Boot Option #2	USB Floppy / [CD/DVD] / USB CD/DVD / Hard Disk / USB Key / USB Hard Disk / Network / Disable	Sets the system boot order
Boot Option #3	USB Floppy / CD/DVD / [USB CD/DVD] / Hard Disk / USB Key / USB Hard Disk / Network / Disable	Sets the system boot order
Boot Option #4	USB Floppy / CD/DVD / USB CD/DVD / [Hard Disk] / USB Key / USB Hard Disk / Network / Disable	Sets the system boot order
Boot Option #5	USB Floppy / CD/DVD / USB CD/DVD / Hard Disk / [USB Key] / USB Hard Disk / Network / Disable	Sets the system boot order
Boot Option #6	USB Floppy / CD/DVD / USB CD/DVD / Hard Disk / USB Key / [USB Hard Disk] / Network / Disable	Sets the system boot order
Boot Option #7	USB Floppy / CD/DVD / USB CD/DVD / Hard Disk / USB Key / USB Hard Disk / [Network] / Disable	Sets the system boot order



## 3.7 Save & Exit Page



Save & Exit	Description
Save Changes and Reset	Reset the system after saving the changes.
Discard Changes and Reset	Reset system setup without saving any changes.
Load Optimized Defaults	Restore/Load Default values for all the setup options.