

**FAQ****10.1" Tablet PC – Agile X**

Type B7-A234-4.../.....

ATEX / IECEx Zone 2 / 22

UL Class I Division 2

- System Recovery
- Access BIOS system
- BIOS settings

Status: 08<sup>th</sup> April 2019

**Reservation:** Technical data subject to change without notice. Changes, errors and misprints may not be used as a basis for any claim for damages.



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# 1. Turning On / Off

## Turning On

Press and hold the power switch for 3 seconds until the blue LED power indicator light is lit up.



- Do not press the power switch repeatedly.
- Do not perform the following operations until the hard drive indicator turns off
  - Connecting or disconnecting the AC adapter
  - Pressing the power switch
  - Touching the tablet buttons, screen, or external keyboard/mouse

## Turning Off

Perform the following procedure to shutdown the Tablet Computer:

1. Make sure you have closed every program that is open on the Desktop. Start Screen apps don't need to be closed.
2. Open the Charms Bar by swiping your finger from the far right of the screen towards the middle of the screen.
3. Tab on the **Settings** charm.
4. Tab on **Power**.
5. Tab on **Shut Down**.
6. Wait for Tablet Computer to power off.



- The computer will forcefully be turned off if the power switch is pressed and held for six seconds or longer.

## 2. Using Recovery Wizard to Restore Computer

The tablet computer has a dedicate recovery partition stored on the hard drive of the tablet to enable quick one-key recovery process. This partition occupies about 11GB of the storage space, and comes built-in to each tablet computer.

### ⚠ CAUTION

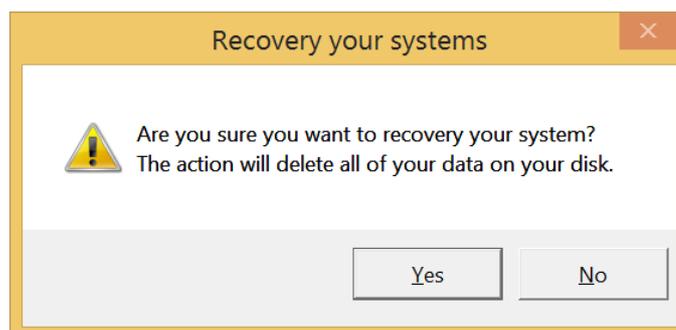
- Before starting the recovery process, be sure to backup all user data, as all data will be lost after the recovery process.
- Please perform this action in the safe zone

Follow the procedure below to enable quick one-key recovery procedure:

1. Plug-in the AC adapter to tablet computer. Make sure the tablet computer stays plugged in to power source during the recovery process.
2. Turn on the tablet computer, when the boot screen shows up, press the **Fn1** button (Recovery Key) on the front bezel OR press **F6** when using an external USB keyboard to initiate the Recovery Wizard.
3. The following screen shows the Recovery Wizard. Click on "Recovery" button to continue.



4. A warning message about data loss will pop up. Make sure that you have done a Backup before recovery, and click on "Yes" to continue.



5. Wait up to the recovery process has finished. During the recovery process, a command prompt will show up to indicate the percent of recovery process. After recovery is completed (finished), the tablet computer will restart automatically.

```
C:\Windows\system32\cmd.exe

C:\Users\Bartec\Desktop\AgileX_BIOS_V1.41>fptw64.exe -f IB88V141_win10.bin -y

Intel (R) Flash Programming Tool. Version: 1.0.5.1120
Copyright (c) 2007 - 2014, Intel Corporation. All rights reserved.

Platform: Bay Trail
Reading HSFSTS register... Flash Descriptor: Valid

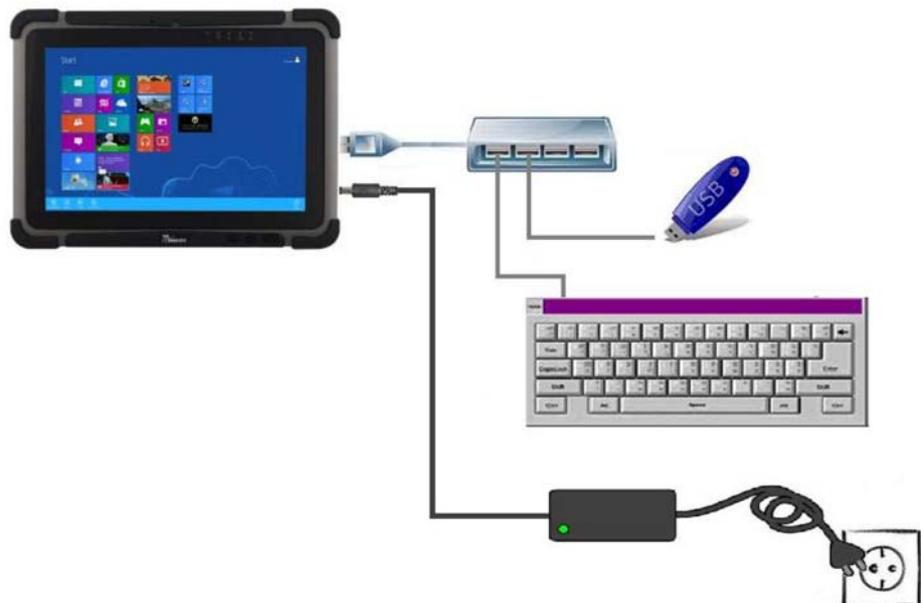
--- Flash Devices Found ---
W25Q64DW  ID:0xEF6017  Size: 8192KB (65536Kb)

PDR Region does not exist.

- Reading Flash [0x800000] 8192KB of 8192KB - 100% complete.
- Erasing Flash Block [0x005000] - 100% complete.
- Programming Flash [0x005000] 4KB of 4KB - 100% complete.
- Erasing Flash Block [0x008000] - 100% complete.
- Programming Flash [0x008000] 12KB of 12KB - 100% complete.
- Erasing Flash Block [0x31E000] - 100% complete.
- Programming Flash [0x31E000] 120KB of 120KB - 100% complete.
- Erasing Flash Block [0x320000] - 100% complete.
- Programming Flash [0x320000] 4KB of 4KB - 100% complete.
- Erasing Flash Block [0x36A000] - 100% complete.
- Programming Flash [0x36A000] 104KB of 104KB - 100% complete.
- Erasing Flash Block [0x42B000] - 18% complete.
```

### 3. Access BIOS System

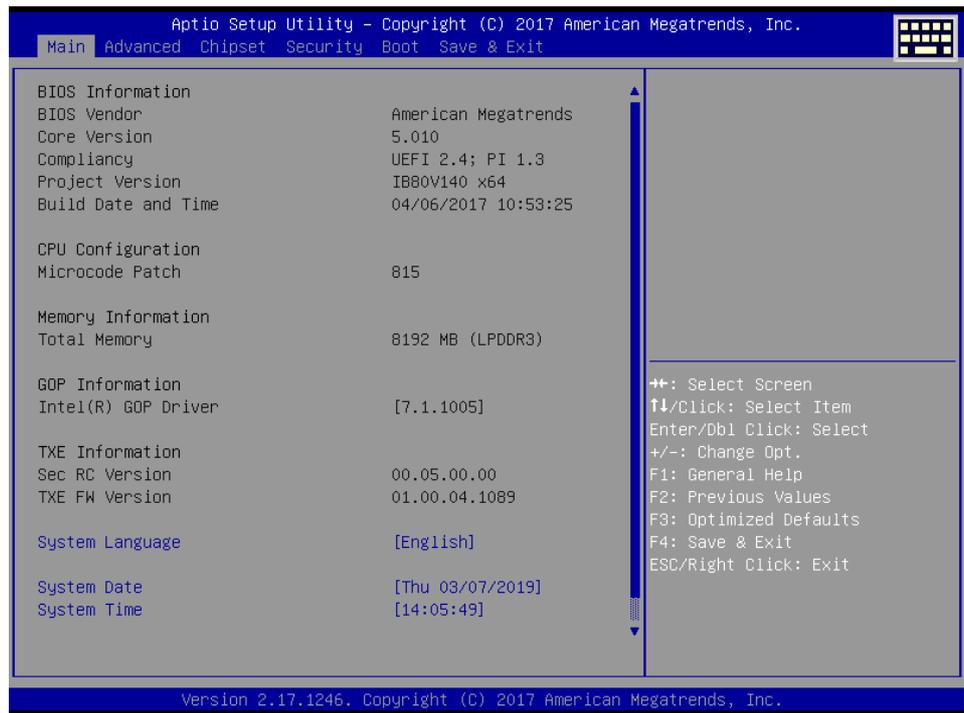
1. Plug AC Adapter Connector, USB boot disk, and USB keyboard to the Tablet PC.



We recommend using an external USB Hub with external power supply.

2. Power on the Tablet PC.

3. Press ESC key to enter BIOS Setup Menu.



4. Use direction keys on keyboard to move to the different submenus.

**⚠ DANGER**

We highly recommend to not change settings in the BIOS menu.

- Changes can make the Agile X inoperable.

## 4. BIOS Settings

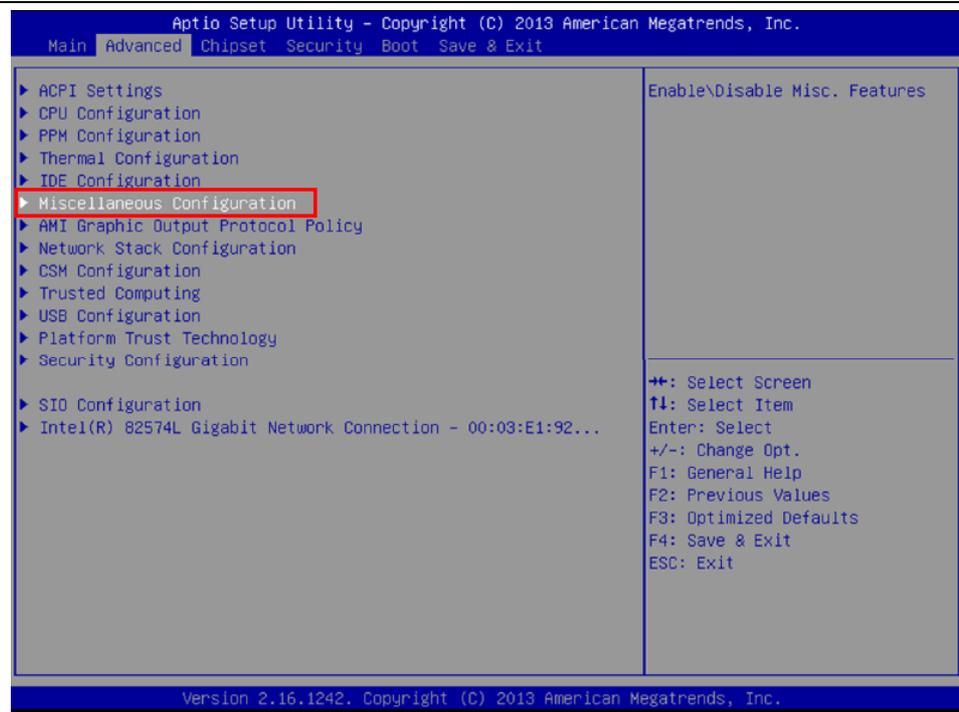
### DANGER

We highly recommend to not change settings in the BIOS menu.

- Changes can make the Agile X inoperable.

### BIOS Menu - Advanced

#### Miscellaneous Configuration



```
Aptio Setup Utility - Copyright (C) 2013 American Megatrends, Inc.
Main  Advanced  Chipset  Security  Boot  Save & Exit

▶ ACPI Settings
▶ CPU Configuration
▶ PPM Configuration
▶ Thermal Configuration
▶ IDE Configuration
▶ Miscellaneous Configuration
▶ AMI Graphic Output Protocol Policy
▶ Network Stack Configuration
▶ CSM Configuration
▶ Trusted Computing
▶ USB Configuration
▶ Platform Trust Technology
▶ Security Configuration

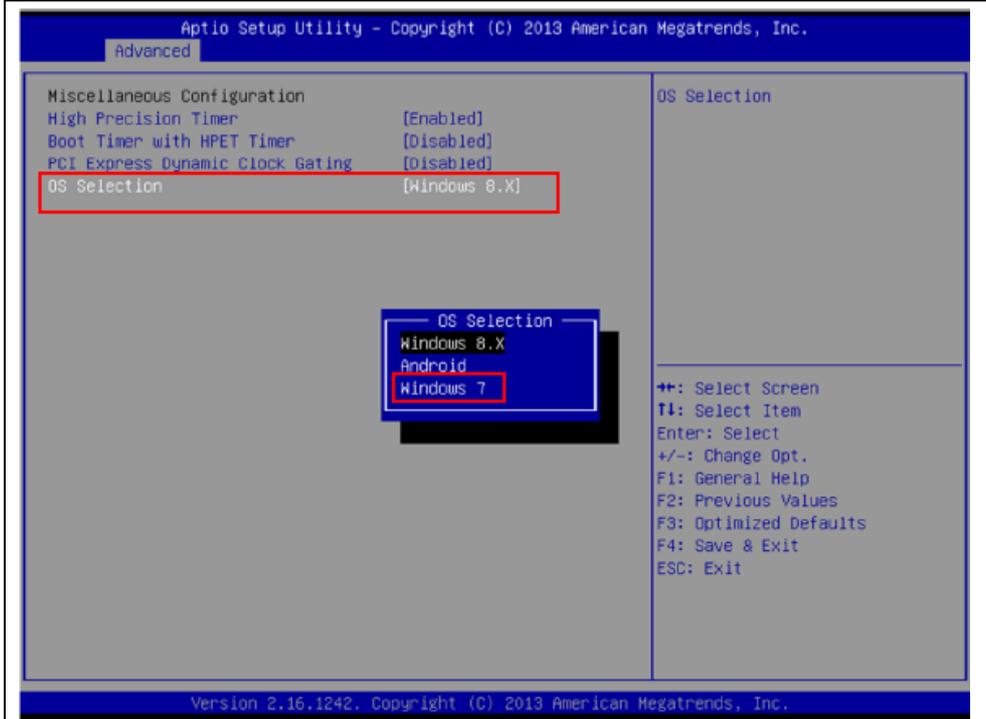
▶ SIO Configuration
▶ Intel(R) 82574L Gigabit Network Connection - 00:03:E1:92...

Enable\Disable Misc. Features

++: Select Screen
↑↓: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save & Exit
ESC: Exit

Version 2.16.1242. Copyright (C) 2013 American Megatrends, Inc.
```

#### OS Selection

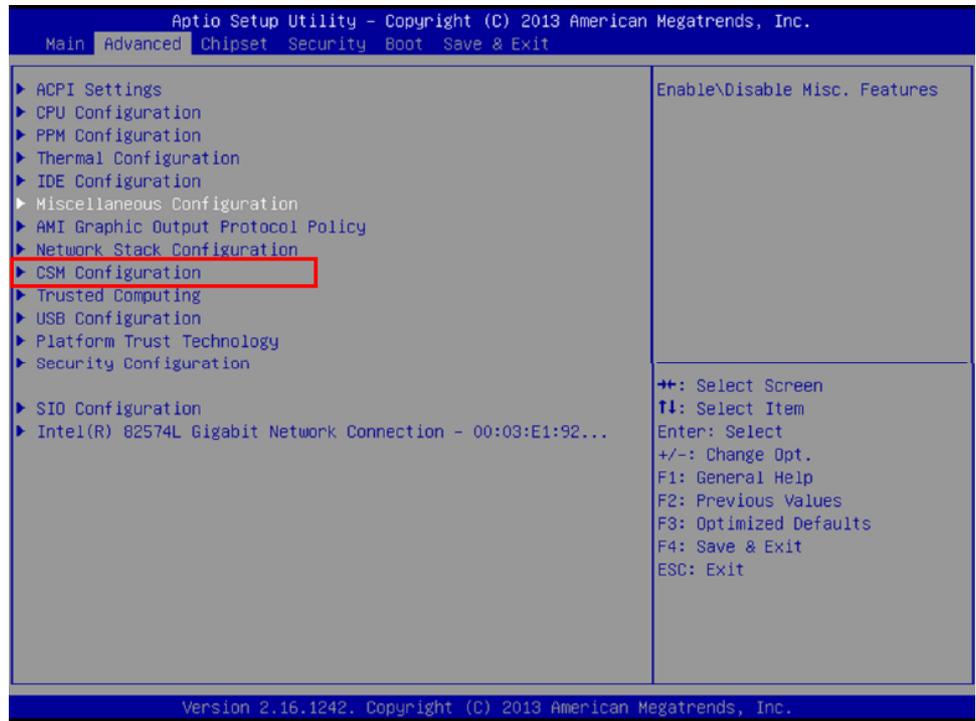


Sample picture for Windows 7 Professional for embedded systems

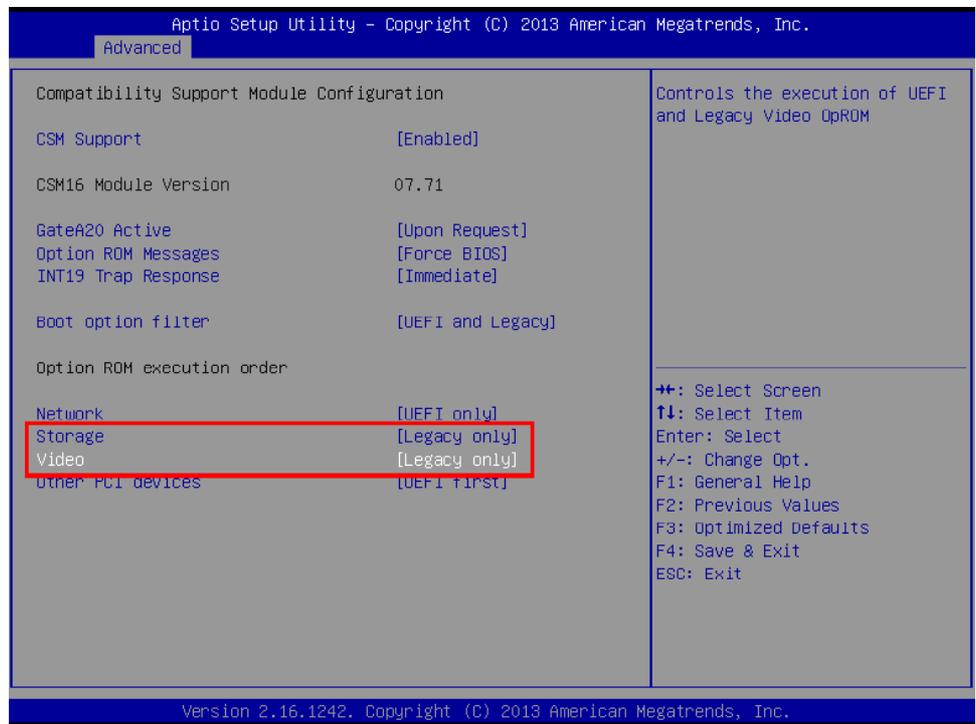
<p><b>Setting for operating system:</b></p> <ul style="list-style-type: none"> <li>Windows 7 Professional for embedded systems</li> </ul>	<p><b>Setting for operating system:</b></p> <ul style="list-style-type: none"> <li>Windows Embedded 8.1 Industry Pro</li> <li>Windows 10 IoT - LTSB</li> <li>Windows 10 IoT - CBB</li> </ul>
<p>OS selection = Windows 7</p>	<p>OS selection = Windows 8.X</p>

BIOS Menu - Advanced

CSM Configuration



Storage & Video



Sample picture for Windows 7 Professional for embedded systems

Setting for operating system:

- Windows 7 Professional for embedded systems

Setting for operating system:

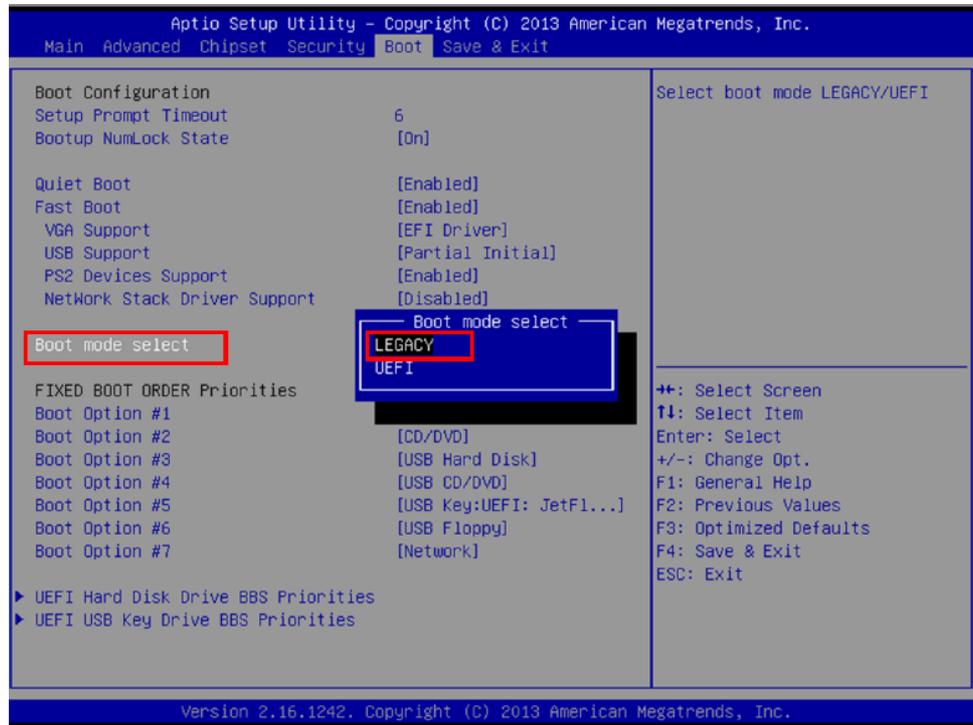
- Windows Embedded 8.1 Industry Pro
- Windows 10 IoT - LTSC

	<ul style="list-style-type: none"> <li>Windows 10 IoT - CBB</li> </ul>
Storage = Legacy only	Storage = UEFI
Video = Legacy only	Video = UEFI

**BIOS Menu - Boot**

This option is only available at older BIOS version older than v1.40.  
 In versions v1.40 or higher this setting is automatically detected.

**Boot mode select**



Sample picture for Windows 7 Professional for embedded systems

<b>Setting for operating system:</b> <ul style="list-style-type: none"> <li>Windows 7 Professional for embedded systems</li> </ul>	<b>Setting for operating system:</b> <ul style="list-style-type: none"> <li>Windows Embedded 8.1 Industry Pro</li> <li>Windows 10 IoT - LTSB</li> <li>Windows 10 IoT - CBB</li> </ul>
Boot mode select = Legacy	Boot mode select = UEFI

**BIOS Menu – Save and Exit the BIOS**

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