

FAQ - Frequently Asked Questions

10.1" Industry Tablet PC HotTab on Agile series

- Installation
- Required driver
- Setup
- Troubleshooting

Relevant for

- Agile / Agile X

Status: November 2020

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- 1. About HotTab Utility 2
- 2. Installation 3
 - 2.1 Required software 3
 - 2.1.1 Download of HotTab utility..... 3
 - 2.1.2 Download of WMMIO driver 4
 - 2.2 WMMIO driver 4
 - 2.3 HotTab utility 6
 - 2.3.1 Installation with "Setup" 6
 - 2.3.2 Installation in background with PowerShell (recommend for Windows 8 / 10) 6
 - 2.3.3 Installation in background with CMD (recommend for Windows 7) 7
- 3. Interface Assignment 9


1. About HotTab Utility


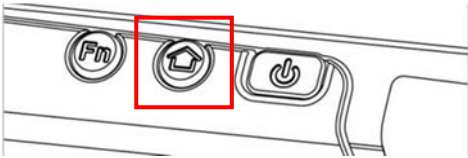
The description in this manual describe following HotTab version or later.

Device:	Version:
Agile / Agile X	version A40.1.76





For later versions it could be that not all available menus are listed and described.

HotTab provides quick access to the tablet's functions and features, such as turning on/off Wifi, Bluetooth, GPS, programming function key, and changing power management.

As Windows starts up, HotTab starts and runs in the background. To display the HotTab control utility, press the  (Menu) Button located on the front panel, OR launching the HotTab Utility application.

HotTab Utility Icon	
Menu Button on the Front side	

HotTab is designed to be a quick access utility; therefore the main user interface will be on the right side of the screen without blocking the content on screen. There are 4 main menu options: Short cut, Camera, Device and Settings. Operations and functions on each menu options are explained in detail in the coming sections.

	Shortcuts button allows users to configure short cut to quickly access programs with a few tabs.
	Camera button allows users take a picture or record a video. User can also adjust setting related to camera in this menu option.
	Device ON/OFF button enables/disables tablet computer's hardware functions. The configurable functions are Wi-Fi, WWAN (3G/4G/LTE), GPS, Bluetooth, Camera, LED indicators, Barcode Reader, RFID Reader, Expansion Port, and GPS Antenna routing options.
	Setting menu provides information about installed versions and battery status. <ul style="list-style-type: none"> • BIOS Version • HotTab Version • OS Version • Serial Number • Battery status

2. Installation

2.1 Required software

For use of HotTab utility following software is required.

Software and installation sequence	Required for Agile X-NI Type: B7-A234-4.../.....
1. Driver - WMMIO v3.1 ^{WHQL} for Windows 8.1/10 (64-Bit) Driver is necessary for use of the HotTab System Utility	Yes
2. Hottab System Utility	Yes
3. Hottab Camera Application	No



Check the installed HotTab utility and WMMIO driver version before you start installation of latest available version.

You can check the installed version:

HotTab utility:

- In settings under category apps or installed programs
- In HotTab tool under category settings

WMMIO driver:

- In device manager under category system devices

If installed version is older than new version then uninstall first before you start installation.

2.1.1 Download of HotTab utility

The latest version is available on BARTEC download page.

<https://automation.bartec.de/tabletpcE.htm>

1. Select the device
2. Go to section "Tools"
3. Download HotTab utility

2.1.2 Download of WMMIO driver

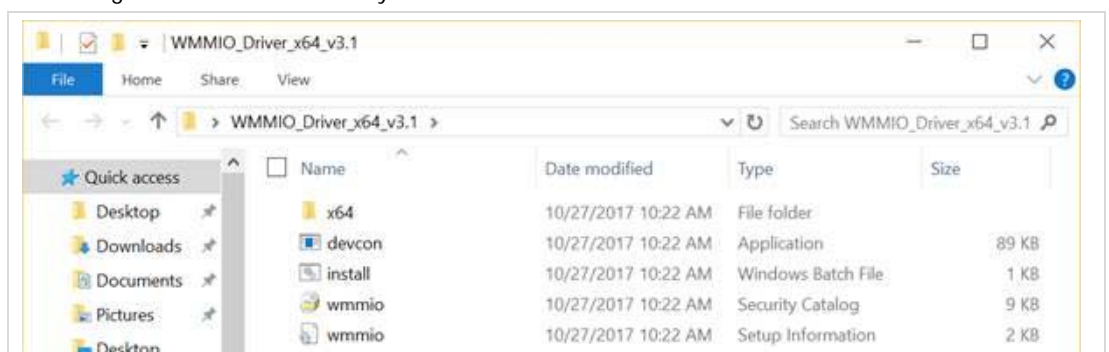
The latest version is available on BARTEC download page.

<https://automation.bartec.de/tabletpcE.htm>

1. Select the device
2. Go to section "Driver"
3. Download WMMIO driver

2.2 WMMIO driver

1. First navigate to the driver directory and start the CMD console from there as administrator.

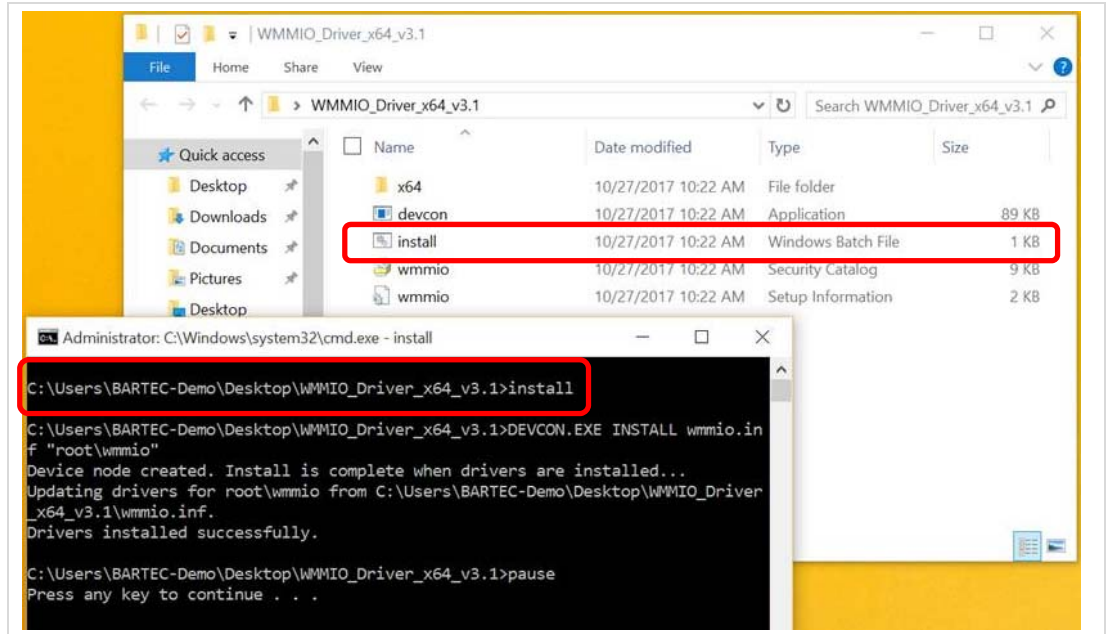


Click on:

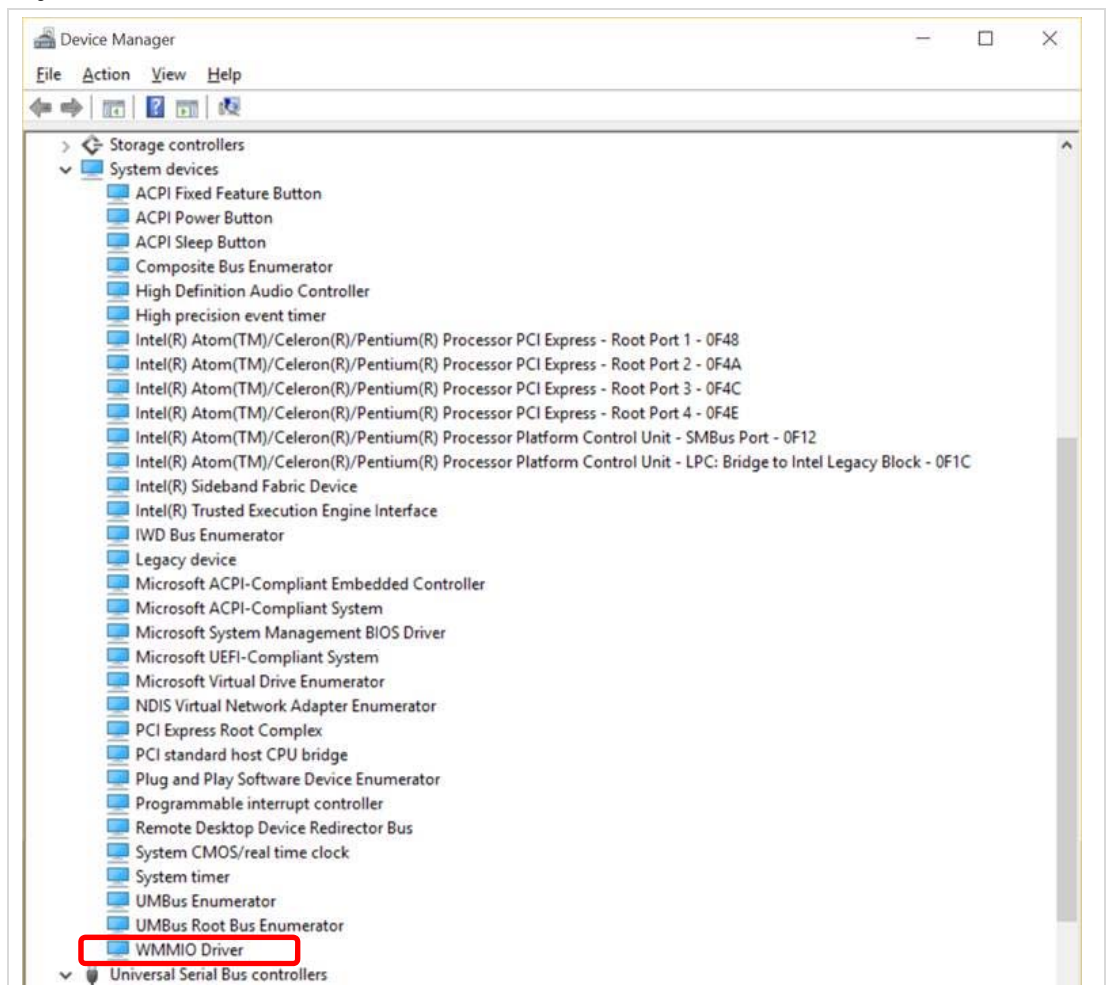
1. Open "File"
2. Open "Command Prompt"
3. Open "Command Prompt as administrator"



2. Enter "install" (name of the batch file) in the window and start the installation with press of "Enter" key.



- Installation will be done automatically.
Press "Enter" key after message appears that "drivers installed successfully".
- After the installation a new device "WMMIO Driver" will appear in "Device Manager" under section "System devices".



2.3 HotTab utility

The HotTab utility can be installed with two procedures.

- By use of setup.exe file.
- Installation in background

2.3.1 Installation with "Setup"

1. Download HotTab utility.
2. Unzip the package and store it on your device.
3. Go to the folder in what you stored HotTab utility.
4. Start installation of HotTab utility with double click on "setup.exe" file.

Name	Änderungsdatum	Typ	Größe
HottabCfg.ini	02.05.2017 07:36	Konfigurationsein...	5 KB
setup.exe	02.05.2017 08:07	Anwendung	393 KB
SetupStandard.msi	02.05.2017 08:07	Windows Installer...	5.060 KB

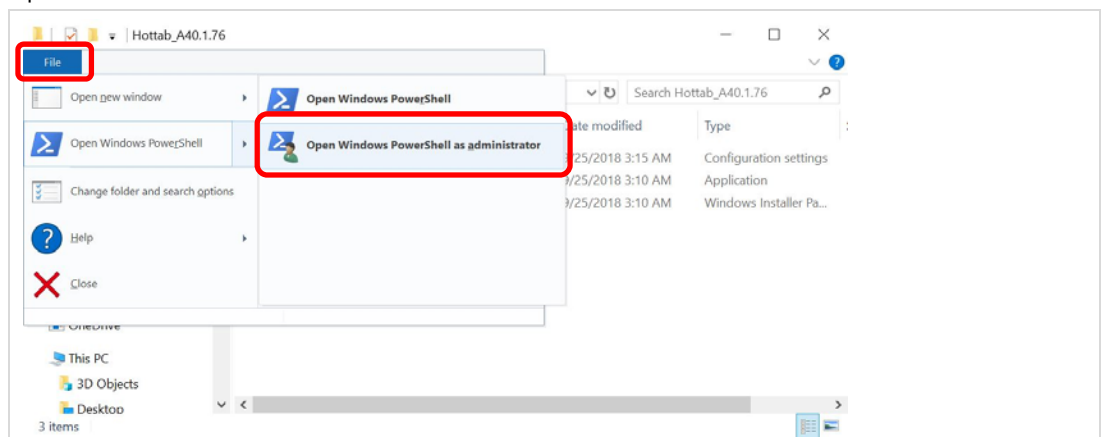
5. Follow the installation setup.
6. Perform a reboot to finish the installation.

2.3.2 Installation in background with PowerShell (recommend for Windows 8 / 10)

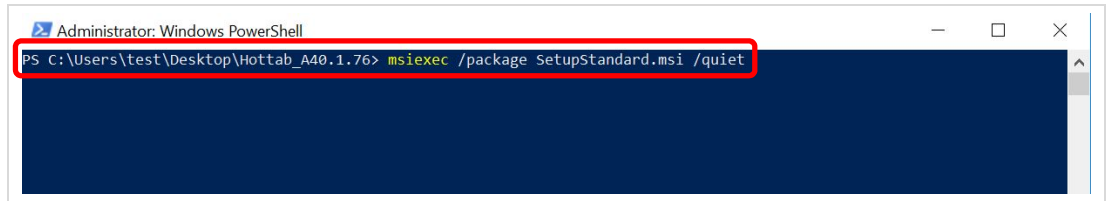
1. Download HotTab utility.
2. Unzip the package and store it on your device.
3. Go to the folder in what you stored HotTab utility.

Name	Änderungsdatum	Typ	Größe
HottabCfg.ini	02.05.2017 07:36	Konfigurationsein...	5 KB
setup.exe	02.05.2017 08:07	Anwendung	393 KB
SetupStandard.msi	02.05.2017 08:07	Windows Installer...	5.060 KB

4. Open "PowerShell as administrator"



5. Start installation of HotTab utility by using the command
"msiexec /package SetupStandard.msi /quiet" and press "Enter".



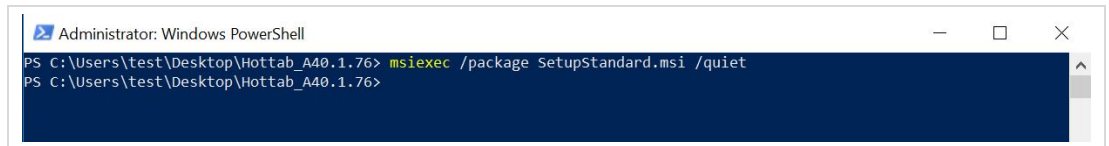
```
Administrator: Windows PowerShell
PS C:\Users\test\Desktop\Hottab_A40.1.76> msiexec /package SetupStandard.msi /quiet
```

6. After a while PowerShell will be ready for use (Hottab application is also installed)



No message is displayed after successful installation.

If the customer wants to make sure that everything run smoothly, he has to query the variable "ERRORLEVEL" in the batch file.



```
Administrator: Windows PowerShell
PS C:\Users\test\Desktop\Hottab_A40.1.76> msiexec /package SetupStandard.msi /quiet
PS C:\Users\test\Desktop\Hottab_A40.1.76>
```

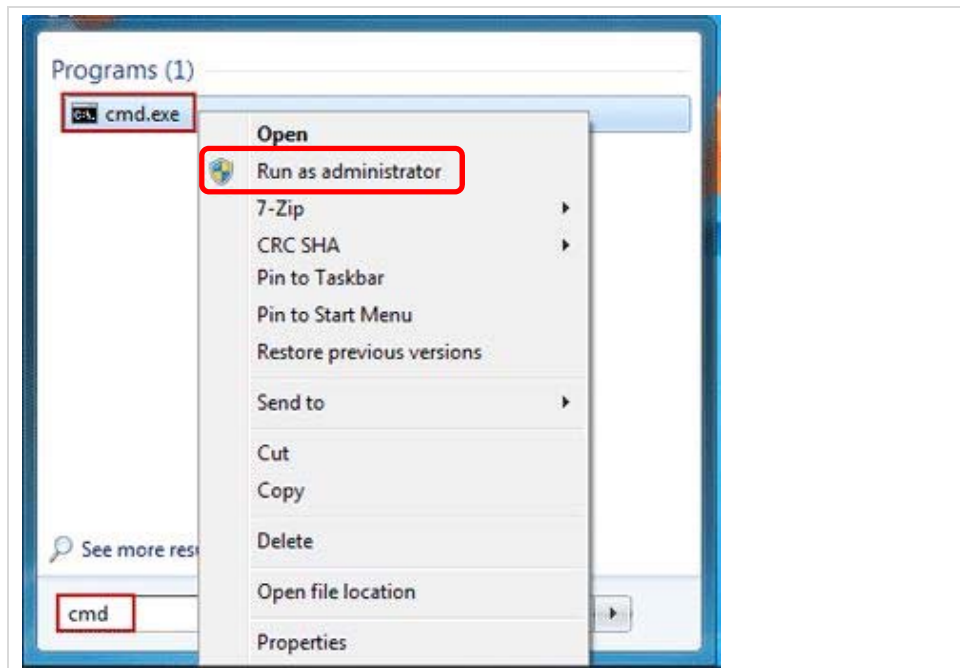


More information can be found on Microsoft page (msiexec):

[https://msdn.microsoft.com/en-us/library/windows/desktop/aa372024\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/aa372024(v=vs.85).aspx)

2.3.3 Installation in background with CMD (recommend for Windows 7)

1. Download HotTab utility.
2. Unzip the package and store it on your device.
3. Open "Command Prompt as Administrator".



4. Start installation of HotTab utility by using the command
"msiexec /i "C:\Users\test\Desktop\Hottab_A40.1.76\SetupStandard.msi" /quiet" and press
"Enter".



The marked path must indicate the storage location of the package

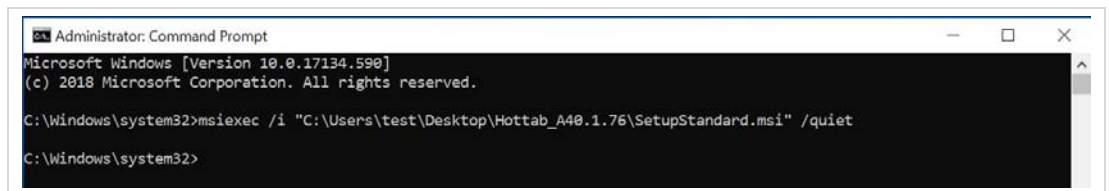


```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Windows\system32>msiexec /i "C:\Users\test\Desktop\Hottab_A40.1.76\SetupStandard.msi" /quiet
```

5. After a while CMD will be ready for use (Hottab application is also installed)



No message is displayed after successful installation.
If the customer wants to make sure that everything runs smoothly, he has to query the
variable "ERRORLEVEL" in the batch file.



```
Administrator: Command Prompt
Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.
C:\Windows\system32>msiexec /i "C:\Users\test\Desktop\Hottab_A40.1.76\SetupStandard.msi" /quiet
C:\Windows\system32>
```



More information can be found on Microsoft page (msiexec):
[https://msdn.microsoft.com/en-us/library/windows/desktop/aa372024\(v=vs.85\).aspx](https://msdn.microsoft.com/en-us/library/windows/desktop/aa372024(v=vs.85).aspx)

3. Interface Assignment

All modules what are built in and managed via HotTab are internal connected to COM ports.
Following is the interface list and what modules are assigned.

COM-Port	Module	Description
COM 1	RS232 I/O	30-pin combo connector on Agile X
COM 2	RS232 I/O	Expansion port on Agile X back sight
COM 3	HF Reader	RFID HF RF521 reader optional build in Agile X
COM 5	WWAN module	For available LTE modules
COM 6	WWAN module	For available LTE modules
COM 9	GPS	For build in GPS module
COM 11	RS232 I/O	Docking connector on Agile X
COM 12	-	reserved
COM 15	Barcode Reader	1D/2D Imager optional build in Agile X
COM 20	RFID UHF Add On Module	Build on optional on expansion port
COM 21	-	reserved
COM 34	-	reserved