

Linux WMI Driver Release Notes

Most Confidential	
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Public	V

12/12/2024
Revision 2.1

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Revision History

Revision Number	Description	Revision Date
V2.1	Verified on Ubuntu 24.4.1	12/12/2024
V2.0	Verified on Ubuntu 22.04.4	08/06/2024
V1.12	Support AAEON BFPI v0.7	09/18/2023
V1.11	<ul style="list-style-type: none"> ● Fix some issues ● Add content to Chapter 5.5 	09/14/2023
V1.10	Supported Ubuntu 22.04.2	05/25/2023
V1.9	Supported Ubuntu 22.04.1	08/26/2022
V1.8	<ul style="list-style-type: none"> ● Add Chapter 5 ● Support AAEON BFPI v0.6 ● Supported Ubuntu 20.04.4 	07/04/2022
V1.7	<ul style="list-style-type: none"> ● Modify Chapter 3.4 & Chapter 4.4. Remove 'Slope-linear mode', 'SMART FAN IV Mode' in chapter 3.4. Remove 'SMART FAN IV Mode' in chapter 4.4. ● Add Chapter 4.5 ● Modify Chapter 3.1 & Chapter 3.2. Add 'Report DIO Capability' in Chapter 3.1. Add 'Report capabilities' in Chapter 3.2. 	01/06/2022
V1.6	Support AAEON BFPI v0.4	06/25/2021
V1.5	Rename 'ACPI WMI' to 'BFPI'	05/21/2021
V1.4	Add AAEON ACPI WMI v0.3 support for kernel 5.x	04/13/2021
V1.3	Add AAEON ACPI WMI v0.3 support for kernel 4.x	04/12/2021
V1.2	Supported Ubuntu 20.04.1	12/14/2020
V1.1	Remove Supported Project information from the Change Log section to project release notes. For detailed info of each device, please contact AAEON customer support team.	04/30/2020

V1.0	Initial Version	04/09/2020
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1. Description

Linux WMI driver Release Note for AAEON platform.

2. Change Log

Driver Version	Description
V2.7.0.3 (12/12/2024)	<p>Driver Package Name: aaeon_wmi_all_V2.7.0.3.zip</p> <p>Supported Linux Distribution: Ubuntu 24.04.01, kernel version: 6.8.0-41-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Verified on Ubuntu 24.04.1 2. Verified kernel version: 6.8.0-41-generic
V2.7.0.2 (08/06/2024)	<p>Driver Package Name: aaeon_wmi_all_V2.7.0.2.zip</p> <p>Supported Linux Distribution: Ubuntu 22.04.04, kernel version: 6.5.0-18-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Verified on Ubuntu 22.04.4 2. Verified kernel version: 6.5.0-18-generic
V2.7.0.1 (09/18/2023)	<p>Driver Package Name: aaeon_wmi_all_V2.7.0.1.zip</p> <p>Supported Linux Distribution: Ubuntu 22.04.02, kernel version: 5.19.0-32-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Support AAEON BFPI v0.7
V2.6.0.3 (09/14/2023)	<p>Driver Package Name: aaeon_wmi_all_V2.6.0.3.zip</p> <p>Supported Linux Distribution: Ubuntu 22.04.02, kernel version: 5.19.0-32-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Fix some issues about b 2. Add content to Chapter 5.5
V2.6.0.2 (05/25/2023)	<p>Driver Package Name: aaeon_wmi_all_V2.6.0.2.zip</p> <p>Supported Linux Distribution:</p>

	<p>Ubuntu 22.04.02, kernel version: 5.19.0-32-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Supported Ubuntu 22.04.2 2. Fix the format error of the fan and backlight
V2.6.0.1 (08/26/2022)	<p>Driver Package Name: aaeon_wmi_all_V2.6.0.1.zip</p> <p>Supported Linux Distribution: Ubuntu 22.04.01, kernel version: 5.15.0-46-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Supported Ubuntu 22.04.1
V2.5.0.6 (07/04/2022)	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.6.zip</p> <p>Supported Linux Distribution: Ubuntu 20.04.04, kernel version: 5.13.0-51-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Add Chapter 5 2. Support AAEON BFPI v0.6 3. Supported Ubuntu 20.04.4
V2.5.0.5 (01/06/2022)	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.5.zip</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Modify Chapter 3.4 & Chapter 4.4. 2. Add Chapter 4.5 3. Modify Chapter 3.1 & Chapter 3.2.
V2.5.0.4 (06/25/2021)	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.4.zip</p> <p>Supported Linux Distribution: Ubuntu 20.04.02, kernel version: 5.8.0-43-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Support AAEON BFPI v0.4
V2.5.0.3 (05/21/2021)	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.3.zip</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Rename 'ACPI WMI' to 'BFPI'

<p>V2.4.0.4 (05/21/2021)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.4.0.4.zip</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Rename 'ACPI WMI' to 'BFPI'
<p>V2.5.0.2 (04/13/2021)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.2.zip</p> <p>Supported Linux Distribution: Ubuntu 18.04.5, kernel version: 5.4.0-42-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Add AAEON ACPI WMI v0.3 support for kernel 5.x
<p>V2.4.0.3 (04/12/2021)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.4.0.3.zip</p> <p>Supported Linux Distribution: Ubuntu 18.04.1, kernel version: 4.15.0-29-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Add AAEON ACPI WMI v0.3 support for kernel 4.x
<p>V2.5.0.1 (12/14/2020)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.5.0.1.zip</p> <p>Supported Linux Distribution:</p> <ol style="list-style-type: none"> 1. Ubuntu 20.04.1, kernel version: 5.4.0-42-generic
<p>V2.4.0.2 (04/29/2020)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.4.0.2.zip</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. Rename the 'Hardware Control User Guide' document to 'Linux WMI Driver User Guide'
<p>V2.4.0.1 (04/09/2020)</p>	<p>Driver Package Name: aaeon_wmi_all_V2.4.0.1.zip</p> <p>Supported Linux Distribution: Ubuntu 18.04.2, kernel version: 4.18.0-15-generic</p> <p>Changes:</p> <ol style="list-style-type: none"> 1. First release

3. Supported Linux Distributions

The latest AAEON Linux WMI Driver is verified on:

- Ubuntu 24.04.1, kernel version: 6.8.0-41-generic

4. Installation

AAEON Linux WMI Driver is already included in Ubuntu Kernel. It is unnecessary to install other Linux drivers. To control and access AAEON devices via the AAEON Linux WMI driver, please refer to "AAEON Linux WMI Driver User Guide.pdf".