

COM-TWLC6

Linux Driver User Guide

| | |
|-------------------|---|
| Most Confidential | |
| Confidential | |
| Internal | |
| Public | V |

01/20, 2026
Version V1.0

| | |
|-------------------------|----------|
| Revision History | 3 |
| 1. Introduction | 4 |
| 2. Features | 4 |

Revision History

| Version Number | Description | Revision Date |
|----------------|-----------------|---------------|
| V1.0 | Initial Release | 01/20 2026 |

1. Introduction

COM-TWLC6 Linux Driver provides the interface to access the hardware.

2. Features

The table of the versions and supported functions of the COM-TWLC6 platform is listed as follows:

| AAEON WMI Linux Driver Ver. | Linux Distribution | Kernel Ver. | Board Ver. | BIOS Ver. | EC Ver. | Supported Functions |
|-----------------------------|--------------------|-------------------|------------|-----------|----------|--|
| V2.7.0.1 | Ubuntu 24.04.2 | 6.11.0-17-generic | A0.1_0_0 | CTWLAM03 | ECOM_122 | DIO, Watchdog, Hardware Monitor, Smart Fan |

Please read the documents in driver `aaeon_wmi_all_V2.7.0.1.zip` for details. If there are any questions about the supported functions, please contact the regional FAE for more details.

| Function | AAEON Linux Driver Ver. | Linux Distribution | Kernel Ver. | Board Ver. | BIOS Ver. | EC Ver. |
|------------------|-------------------------|--------------------|-------------------|------------|-----------|----------|
| I2C | V1.6.0.2 | Ubuntu 24.04.2 | 6.11.0-17-generic | A0.1_0_0 | CTWLAM03 | ECOM_122 |
| SMBus | V1.6.0.1 | Ubuntu 24.04.2 | 6.11.0-17-generic | A0.1_0_0 | CTWLAM03 | ECOM_122 |
| Backlight (LVDS) | V1.6.0.2 | Ubuntu 24.04.2 | 6.11.0-17-generic | A0.1_0_0 | CTWLAM03 | ECOM_122 |
| Backlight (eDP) | V1.6.0.1 | Ubuntu 24.04.2 | 6.11.0-17-generic | A0.1_0_0 | CTWLAM03 | ECOM_122 |

Please read the documents in the drivers for details:

- `aaeon_ec_i2c_smbus_V1.6.0.2.zip`
- `aaeon_pch_smbus_V1.6.0.1.zip`
- `aaeon_ptn3460_bl_V1.6.0.2.zip`
- `aaeon_pch_backlight_V1.6.0.1.zip`

If there are any questions about the supported functions, please contact the regional FAE for more details.