

AAEON

PTN3460 Backlight

Linux Driver Release Notes

Most Confidential	
Confidential	
Internal	
Public	V

30/04, 2026
Version V1.9

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Brief Description

AAEON PTN3460 Backlight Linux driver for AAEON platform.

Change Log

Version	Description
V1.7.0.1 (30/04/2024)	Files: aaeon_ptn3460_bl_V1.7.0.1.zip Release version V1.7.0.1 for Linux Kernel 7.x. System Requirements: <ul style="list-style-type: none"> Verified Linux distribution: <ul style="list-style-type: none"> Ubuntu 26.04 64bit, kernel: 7.0.0-14-generic Changes: <ul style="list-style-type: none"> Verified on Ubuntu 26.04, or later
V1.6.0.2 (12/02/2024)	Files: aaeon_ptn3460_bl_V1.6.0.2.zip Release version V1.6.0.2 for Linux Kernel 6.x. System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 24.04.1 64bit, kernel: 6.8.0-41-generic Support Platforms: <ul style="list-style-type: none"> COM-MTHC6 (BIOS Version:CMTHAM06), or other compatible platforms Changes: <ul style="list-style-type: none"> Support Ubuntu 24.04.1, or above Known Issues: <ul style="list-style-type: none"> N/A
V1.6.0.1 (25/04/2024)	Files: aaeon_ptn3460_bl_V1.6.0.1.zip Release version V1.6.0.1 for Linux Kernel 6.x. System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 22.04.4 64bit, kernel: 6.5.0-18-generic Support Platforms: <ul style="list-style-type: none"> GENE-MTH6 (BIOS Version:GML6AM05) Changes: <ul style="list-style-type: none"> Support Ubuntu 22.04.4 Known Issues:

V1.5.0.5 (8/13/2021)	Files: aaeon_ptn3460_bl_V1.5.0.5.zip Release version V1.5.0.5 for Linux Kernel 5.x. System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 21.04, kernel: 5.11.0-17-generic Support Platforms: <ul style="list-style-type: none"> PICO-BT01 (BIOS Version:ZBT1BM18) Changes: <ul style="list-style-type: none"> remove to detect the manufacturer ID (0x04,0x2e) Known Issues:
V1.5.0.4 (6/3/2021)	Files: aaeon_ptn3460_bl_V1.5.0.4.zip Release version V1.5.0.4 for Linux Kernel 5.x. System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 21.04, kernel: 5.11.0-17-generic Support Platforms: <ul style="list-style-type: none"> GENE-APL7 (BIOS Version:GAP7AM20) Changes: <ul style="list-style-type: none"> Support instantiating with multiple devices Known Issues:
V1.5.0.3 (5/14/2021)	Files: aaeon_ptn3460_bl_V1.5.0.3.zip Release version V1.5.0.3 for Linux Kernel 5.x. System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 21.04, kernel: 5.11.0-16-generic Support Platforms: <ul style="list-style-type: none"> EPIC-BT07 (BIOS Version:PBT7AM20) Changes: <ul style="list-style-type: none"> Support driver auto-detect on I2C/SMBus. Based on V1.4.0.2 and verified on Kernel 5.11 Known Issues:

V1.5.0.2 (12/01/2020)	Files: aaeon_ptn3460_bl_V1.5.0.2.zip System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 16.04.7 64bit, kernel: 4.15.0-123-generic Support Platforms: <ul style="list-style-type: none"> EPIC-BT07 (BIOS Version: PBT7AM19). Bug Fixed: <ul style="list-style-type: none"> Support PTN3460 at I2C slave 0xC0 Known Issues:
V1.5.0.1 (07/21/2020)	Files: aaeon_ptn3460_bl_V1.5.0.1.zip System Requirements: <ul style="list-style-type: none"> Supported Linux distribution: <ul style="list-style-type: none"> Ubuntu 18.04.4 64bit, kernel: 5.3.0 Support Requirements: <ol style="list-style-type: none"> Supported Linux distribution: Ubuntu 18.04.4 Supported kernel versions are 5.3.0-28 Support Platforms: <ol style="list-style-type: none"> COM-SKUC6 (BIOS Version: CSKUAM25 / EC Version: CSKUAE19). Bug Fixed: <ol style="list-style-type: none"> Fix auto install for ubuntu 18.04 Known Issues:
V5.0.1.0 (12/04/2018)	Files: aaeon_ptn3460_bl_V5.0.1.0.zip New Features: <ol style="list-style-type: none"> Support Backlight function. Support auto install function System Requirements: <ol style="list-style-type: none"> Supported Linux distribution: Centos 7.4 64bit. Supported kernel versions are 3.10.0-693 . Support Platforms: <ol style="list-style-type: none"> COM-SKUC6 (BIOS Version: CSKUAM25 / EC Version: CSKUAE19). Bug Fixed: <ol style="list-style-type: none"> Support Backlight on/off control function. Known Issues:

<p>V5.0.0.0 (09/14/2018)</p>	<p>Files: aaeon_ptn3460_bl_V5.0.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function. 2. Support auto install function. <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Centos 7.4 64bit. 2. Supported kernel versions are 3.10.0-693 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. COM-SKUC6 (BIOS Version: CSKUAM25 / EC Version: CSKUAE19). <p>Bug Fixed:</p> <p>Known Issues:</p>
<p>V4.0.0.0 (01/31/2018)</p>	<p>Files: aaeon_ptn3460_bl_V4.0.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function. 2. Support auto install function 3. Add LVDS and LVDS2 control function. <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Fedora 26 64bit. 2. Supported kernel versions are 4.14.14 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. GENE-BSW5(Model name: PTN3460) <p>Bug Fixed:</p> <p>Known Issues:</p>
<p>V2.1.0.0 (10/13/2017)</p>	<p>Files: aaeon_ptn3460_bl_V2.1.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function. 2. Support auto install function <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Ubuntu 16.04.2 64bit. 2. Supported kernel versions are 4.8.0 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. GENE-BT05(Model name: PTN3460) <p>Bug Fixed:</p> <p>Known Issues:</p>

<p>V3.0.0.0 (02/21/2017)</p>	<p>Files: aaeon_ptn3460_bl_V3.0.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function. <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Debian 7.11 64bit.. 2. Supported kernel versions are 3.2.84 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. PICO-BSW1(Model name: PTN3460) <p>Bug Fixed:</p> <ol style="list-style-type: none"> 1. Remove devm_regulator_get function <p>Known Issues:</p>
<p>V2.0.0.0 (02/17/2017)</p>	<p>Files: aaeon_ptn3460_bl_V2.0.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Ubuntu 16.04 64bit. 2. Supported kernel versions are 4.4.0 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. OMNI-3155(Model name: PTN3460) <p>Bug Fixed:</p> <p>Known Issues:</p>
<p>V1.0.0.1 (10/19/2016)</p>	<p>Files: aaeon_ptn3460_bl_V1.0.0.1.zip</p> <p>New Features:</p> <ol style="list-style-type: none"> 1. Support Backlight function <p>System Requirements:</p> <ol style="list-style-type: none"> 1. Supported Linux distribution: Ubuntu 14.04.03 64bit. 2. Supported kernel versions are 3.19.0 . <p>Support Platforms:</p> <ol style="list-style-type: none"> 1. AQ7-BT-A2.0(Model name: PTN3460) <p>Bug Fixed:</p> <ol style="list-style-type: none"> 1. Modified aaeon_ptn3460_backlight_user_guide <p>Known Issues:</p>

V1.0.0.0 (08/26/2016)	<p>Files: aaeon_ptn3460_bl_V1.0.0.0.zip</p> <p>New Features:</p> <ol style="list-style-type: none">1. Support Backlight function <p>System Requirements:</p> <ol style="list-style-type: none">1. Supported Linux distribution: Ubuntu 14.04.2. Supported kernel versions are 3.x.x . <p>Support Platforms:</p> <ol style="list-style-type: none">1. AQ7-BT01(Model name: PTN3460) <p>Bug Fixed:</p> <p>Known Issues:</p>
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Instructions

Please refer to “AAEON Backlight Driver User Guide.pdf”.