

BYD

INTERNAL RELEASE NOTES

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| MGBOX Embedded Controller  Firmware | |
| Apr 21, 2023 | VERSION C2.00 |

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# Introduction

This document outlines the internal release notes for the Embedded Controller Firmware. This document is to be used for internal purposes only and should not be exposed to external parties.

# Internal Release Notes

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| **Version** | **Filename** | **Date** | **Description** |
| E0.00 | N16PR1\_MC\_EC\_E0\_00.bin  Checksum:0xe5d389 | 24/2/6 | 1. Initial EC code |
| E1.00 | N16PR1\_MC\_EC\_E1\_00.bin  Checksum:0xe54525 | 24/3/7 | Change   1. 调整散热曲线 2. 解决GPU温度读取偶发异常问题 |
| E2.00 | MGBOX\_EC\_E2\_00.bin  Checksum:0xe3b783 | 24/4/2 | Change   1. 调整散热参数 2. 调整灯控制，渐变亮度可调 |
| E3.00 | MGBOX\_EC\_E3\_00.bin  Checksum:0xE3A921 | 24/4/28 | Change  (1)解决偶发ucsi黄感问题  (2)增加按电源按键不响应开机功能预留给工厂生产用 |
| E4.00 | MGBOX\_EC\_E4\_00.bin  Checksum:0xE37932 | 24/5/10 | Change  (1)按客户要求增加上电开机  (2)按客户要求增加S5倒计时开机  (3)增加PCIE wifi 模块时序控制 |
| E5.00 | MGBOX\_EC\_E5\_00.bin  Checksum:0xe311ce | 24/5/17 | Change  (1)增加网络唤醒功能  (2)减少电源键消抖时间，以符合台式机需求  (3)减少performance mode切换按键消抖时间，以符合台式机需求 |
| E6.00 | MGBOX\_EC\_E6\_00.bin  Checksum:0xe3129e | 24/5/28 | Change  (1)按散热要求修改fan table  (2)增加WOL S3支持 |
| E7.00 | MGBOX\_EC\_E7\_00.bin  Checksum:0xe313d6 | 24/7/5 | Change  (1)删除S5 USB对外供电功能 |
| E8.00 | MGBOX\_EC\_E8\_00.bin  Checksum:0xe2e10b | 24/7/10 | Change  (1)配合硬件解决耳机pop音问题 |
| 01.00 | MGBOX\_EC\_01\_00.bin  Checksum:0xe34f1f | 24/8/14 | Change  (1)修改网络唤醒使能后上电开机问题  (2)删除S3S0 Q事件，减少DGPU亮屏时间 |