

BIOS Release Note

Product Information			
Product	MZGLKAP-00 / GB-XGRD		
BIOS Version	F9	PCB Version	1.x
Engineer	Justin Wu	Release Date	202/08/12
ROM Information			
VBIOS	N/A	GOP Driver	v13.0.1011(x64)
Legacy LAN	N/A	EFI LAN	v2.041
Intel TXE FW	4.0.20.1311_v2	Intel MEBX	N/A

Update List:

MZGLKAP.F9 (Checksum: 0xCECE5616 / Build Data: 2022/08/11)
1. Increase Memory compatibility.
BIOS Version: MZGLKAP.F8 (Checksum: 0xCECD9F54 / Build Data: 2019/12/16)
1. Update TXE FW to 4.0.20.1311_v2 for solve SA50073 Issue-1(CSME/TXE/SPS)
2. Modify graphic mode setup menu design.
BIOS Version: MZGLKAP.F7 (Checksum: 0xCDCB8C84 / Build Data: 2019/11/22)
1. Re-build BIOS for formal BIOS release.
BIOS Version: MZGLKAP.F7a (Checksum: 0xCDCA2E98 / Build Data: 2019/08/20)
1. RC update for Intel security(Intel-SA-00191, Intel-SA-00223)
2. TXE update for Intel security(Intel-SA-00213)
3. MCU update for Intel security of 2019 Q1 issue(Intel-SA-00233).
4. Fix ESA module will hang up 0x2F.
5. Boot option behavior
6. Change AMI flash tool for security issue(EFI/Win_x64)
BIOS Version: MZGLKAP.F6 (Checksum: DF46 / Build Data: 2019/05/16)
1. Update TXE to resolve Intel-SA-00185 vulnerability.
BIOS Version: MZGLKAP.F5 (Checksum: 00B6 / Build Data: 2018/11/05)
1. Support Smartfan restore function in s3 resume.
2. Update Microcode to M01706A1_00000026 for security(CVE-2018-3639).
3. Fixed HDMI2.0 can't up to 60Hz on 4K monitor.
BIOS Version: MZGLKAP.F4 (Checksum: 0xCF2ACCD9 / Build Data: 2018/07/09)
1. Change cd clock to 158.4 MHz to limit HDMI speed.
2. Rebuild to using formal BIOS version.
BIOS Version: MZGLKAP.F3 (Checksum: C508 / Build Data: 2018/02/14)
1. Update microcode for Intel vulnerability.
BIOS Version: MZGLKAP.F2 (Checksum: 9A31 / Build Data: 2018/01/12)
1. Update microcode for Intel vulnerability.