



Xplore Technologies Software Release Note

Name	XSLATE R12 BIOS
File Name	xR12_iX125R1_BIOS_A05.zip
Release Date	January 02, 2018
This Version	A05
Replaces Version	All previous versions
Intended Users	XSLATE R12 users
Intended Product	XSLATE R12 Tablet PCs ONLY
File Size	24 MB
Supported Operating System	Windows 7 (64-bit) Windows 8.1 (64-bit) Windows 10 (64-bit)

Fixes in this Release

A05

- In rare cases a fully drained battery cannot be charged.
- Toggle BlueTooth power during S3 to improve BlueTooth keyboard connectivity.
- The battery status LED is wrongfully blinking when adjusting backlight.

A04

- LED function button power status is reset after entering BIOS Setup Menu.
- RFID power is not removed after being disabled from BIOS Setup Menu.
- Sporadic BIOS Setup Menu hang when scrolling the page or switching between sub-pages.
- Battery cannot be fully-charged if the battery was fully-drained before installing onto the system.
- Intel Security Advisory INTEL-SA-00075

A03

- Disable bridge battery charging to prevent main battery leakage when system is in S4/S5.
- System stuck after BIOS capsule update if dock/undock event is triggered during update.
- UEFI PXE boot failed after connection is established.
- Scroll slowly under BIOS setup menu causes page jumps back to top randomly.
- RFID power state is not preserved after S3, S4 and S5.
- BIOS setup item "Boot Device Status" stuck in Enabled state.
- Modify Home Button polling function to make Home Button more sensitive.
- Tap screen with digitizer during S4 caused system hang on Windows 7.
- Thermal policy treats negative temperatures as high temperature and causes shutdown events/thermal alert.

A01

- Resolution changes to 640x480 when docked to older generation of R12 docking stations.
- Fixed an intermittent WLAN and Bluetooth lost issue.

A00

- Initial release

What's New in this Release

A05

- Add Office Mode fan speed control in BIOS setup to limit the fan speed to 4000RPM.
- Add Bitlocker Preboot Authentication On Screen Keyboard support.
- Enable Secure Boot Enroll Image function.
- Upgrade ME for SKL/KBL to version 11.8.50.3399.027_(Skylake), 11.8.50.3399.036_(Kabylake)

A04

- Update microcode to version 0xBA for Skylake; version 0x5E for Kabylake.
- Implement Up/Down/Enter scan code for Volume-Up/Volume-Down/SAS keys for pre-boot environment.
- [Skylake] Update ME to version 11.0.25.3001.
- [Kabylake] Update ME to version 11.6.29.3287.
- Add Intel PCIe SSD support.
- Add SMBIOS Type 1 sku number.

A03

- Added Intel KabyLake VPRO and Celeron support.
- [Kabylake] Update Intel RC to version 1.9.0.
- Update VBIOS to version 1050.023 and update GOP to version 1063.025.
- Main battery and bridge battery protection enhancements
- Adjust maximum brightness to 25% and set power limit to 4.5W when "Fan Off" is enabled.
- Add setup menu options: Secure Erase, Intel® SGX and USB Provision
- Change PWM lower bound of display brightness to 0.4% (1/255).

A01

- New and improved BIOS Setup User Interface
- Added Intel Skylake chipset support.

A00

- Initial release

Known Issues

N/A

Installation and Configuration Instructions

To install the BIOS A05 update, perform the following steps:

1. Download the update and save to the directory location of your choice.
2. Unzip the file to a location on your local drive.
3. Double-click the installer (iX125R1_A05.exe) and follow the prompts.

Licensing

Refer to your applicable end-user licensing agreement for usage terms.