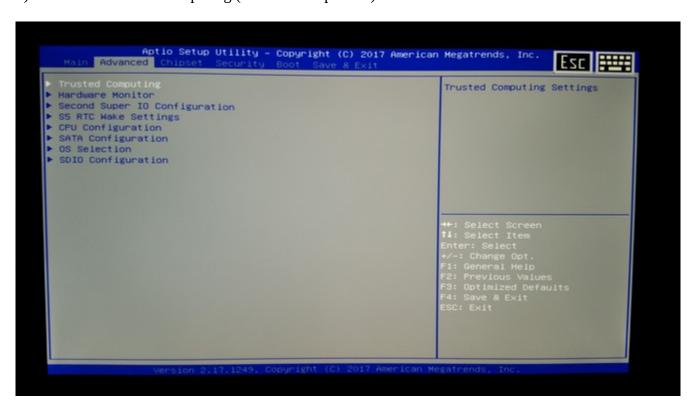
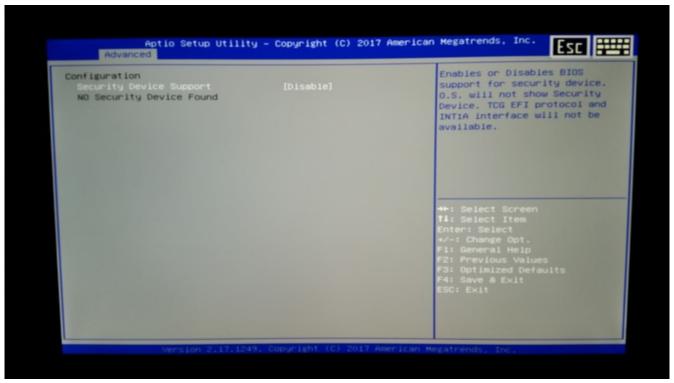
EL-20 BIOS settings (Goal enable on board storage / Set to Legacy BIOS in Linux mode):

DEL key during boot up to get us to Setup Utility:

1) First disable trusted computing (no hardware present)





2) Lets enable BIOS mode and flip the Linux bit:

```
Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

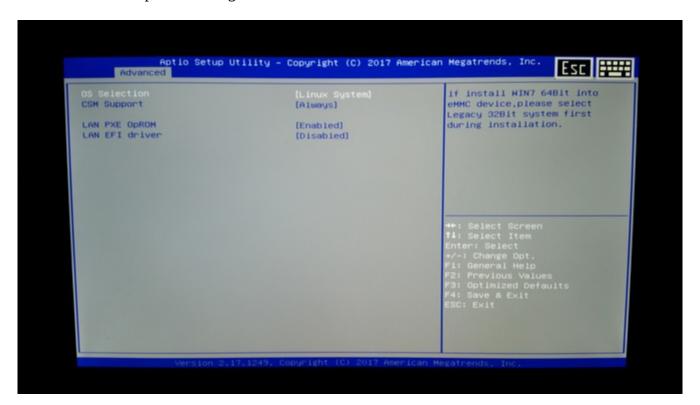
Main Advanced Chipset Security Boot Save 8 Exit

Trusted Computing
Hardware Monitor
Second Super 10 Configuration
S 55 RTC Make Settings
CPU Configuration
S SATA Configuration
S Selection
S Solio Configuration
SDIO Configuration

*** Select Screen
II: Select Item
Enter: Select
+/-: Change Opt.
F1: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Save 8 Exit
ESC: Exit

Version 2.17.1249, Copyright (C) 2017 American Megatrends, Inc.
```

NOTE THE PXE OpROM setting:



3) Head over to Chipset and let's enable on-board storage:

```
Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.
                                                                                        SCC eMMC Support Legacy eMMC
Onboard Audio
Onboard LAN 1
Onboard LAN 2
                                                   [Enabled]
                                                   [Enabled]
                                                   [Enabled]
DVMT Pre-Allocated
                                                   [64H]
ERP Lowest Power State Mode
                                                   [Disabled]
Restore AC Power Loss
                                                   [Power Off]
I2C1 address
I2C1 clock
                                                   [400 MHZ]
                                                   [Disabled]
 Use internal UART to output debug
 SCC eMMC Support (D16:F0)
                                                   [PCI mode]
 LPSS with GPIO Devices Support
                                                   [Enabled]
 LPSS DMA W1 (D30:F0)
LPSS DMA W2 (D24:F0)
LPSS DMA W2 (D24:F1)
LPSS HSUART W1 (D30:F3)
LPSS HSUART W2 (D30:F4)
                                                   [ACPI Mode]
[PCI Mode]
                                                   [ACPI Mode]
                                                  [PCI Mode]
[PCI Mode]
```

4) Head over to Boot. NOTE we can not set PXE at this point so hit F4 to Save and reboot

```
Aptio Setup Utility - Copyright (C) 2017 American Megatrends, Inc.

Main Advanced Chinset Security Boot Save & Exit

Full Screen LOGO Show [Disabled]

Boot Option Priorities
Boot Option #1 [UEFI: Built-in EFI ...]

***: Select Screen
11: Select Item
Enter: Select

**/-: Change Opt.
Fi: General Help
F2: Previous Values
F3: Optimized Defaults
F4: Soc: Exit

Version 2.17.1249. Copyright (C) 2017 American Megatrends, Inc.
```



REBOOT happens here be ready for the DEL key to get back into BIOS

Final step... Back to the Boot tab and alter to PXE boot on 003 with the MMC secondary. F4 for save and exit.

