

General

- . Boot Sequence:
 - * Boot List Option = UEFI (-> Boot Sequence list will be set accordingly)
- . Advanced Boot Options:
 - * Enable Legacy Option ROMs = On (required to boot legacy external devices such as USB media or SD cards)
 - * Enable Attempt Legacy Boot = On
- . UEFI Boot Path Security:
 - * Never (or whatever other value)

System Configuration

- . Integrated NIC = Enabled
- . SATA Operation = AHCI
- . Drives:
 - * SATA-2 = On
 - * M.2 PCIe SSD-0 = On
- . SMART Reporting:
 - * Enable SMART Reporting = On or Off
- . USB Configuration:
 - * Enable USB Boot Support = On
 - * Enable External USB Port = On
- . Dell Type-C Dock Configuration:
 - * Always Allow Dell Docks = On
- . USB PowerShare:
 - * Enable USB PowerShare = On
- . Audio:
 - * Enable Audio = On
 - * Enable Microphone = On
 - * Enable Internal Speaker = On
- . Keyboard illumination:
 - * Bright = On (or any desired value)
- . Keyboard Backlight on AC:
 - * Any desired setting
- . Keyboard Backlight on Battery:
 - * Any desired setting
- . Unobtrusive Mode:
 - * Enable Unobtrusive Mode = Off
- . Miscellaneous Devices:
 - * Enable Camera = On
 - * Secure Digital (SD) Card Boot = On
 - * Enable Secure Digital (SD) Card = On
 - * Secure Digital (SD) Card Read-Only Mode = Off

Video

- . LCD Brightness = Whatever settings you prefer

Security

- . Admin Password = not set (or whatever)
- . System Password = not set (or whatever)
- . Internal HDD-0 PW | M.2 SATA SSD-2 Password = not set (or whatever)
- . Strong Password = Off
- . Password Configuration = default settings
- . Password Bypass = Disabled
- . Password Change: Allow Non-admin Password Changes = on
- . Non-Admin Setup Changes = Off
- . UEFI Capsule Firmware Updates = On
- . TPM 2.0 Security = Off or On with whatever desired settings
- . Absolute(R) = Disabled (or whatever desired settings)
- . OROM Keyboard Access = Enabled
- . Admin Setup Lockout = Off
- . Master Setup Lockout = Off
- . SMM Security Mitigator = Off

Secure Boot

- . Secure Boot Enable = Disabled
- . Secure Boot Mode = Deployed Mode
- . Expert Key Management:
 - * Enable Custom Mode = Off
 - * Custom Mode Key Management = PK

Intel Software Guard Extensions

- . Intel SGX Enable = Software Controlled
- . Enclave Memory Size = not configurable

Performance

- . Multi Core Support = All
- . Intel SpeedStep = Enabled
- . C-States control = On
- . Intel TurboBoost = Enabled
- . HyperThread Control = Enabled

Power Management:

- . AC Behavior:
 - * Wake on AC = Off
- . Enable Intel Speed Shift Technology = On
- . Auto On Time = Disabled
- . USB Wake Support
 - * Enable USB Wake Support = On or Off
 - * Wake on Dell USB-c Dock = On or Off
- . Wireless Radio Control:
 - * Control WLAN radio = Off
 - * Control WWAN radio = Off
- . Wake on LAN/WLAN = Disabled
- . Block Sleep = Off
- . Peak Shift = Off
- . Advanced Battery Charge Configuration = Off
- . Primary Battery Charge Configuration = Express Charge (or any other choice)
- . Type-C Connector Power = 7.5 or 15 Watts

POST Behavior

- . Adapter Warnings = Enabled
 - . USB-C Warnings = Enabled (item only available in later BIOS versions)
 - . Keypad (Embedded) = Fn Key Only
 - . Numlock Enable = Enabled
 - . Fn Lock Optio:
 - * Fn Lock = On
 - * Lock Mode Disable/Standard = On
 - . Fast Boot = Minimal
 - . Extend BIOS POST Time = 0 seconds (or any other choice)
 - . Full Screen Logo = On or Off
 - . Warnings and Errors = Prompt on Warnings and Errors. MAC address Pass-Through = Passthrough
- MAC address

Manageability

- . Intel AMT Capability = Enabled (item only available in later BIOS versions)
- . USB Provision = Off
- . MEBx Hotkey = Enabled

Virtualization Support

- . Virtualization = Enabled
- . VT for Direct I/O = Disabled
- . Trusted Execution = Off

Wireless

- . Wireless Switch:
 - * WWAN = On
 - * WLAN = On
 - * GPS (on WWAN Module) = On
 - * Bluetooth = On

. Wireless Device Enable:

- * WWAN/GPS = On
- * Bluetooth = On
- * WLAN = On