UNO/TPC/PPC BTO Configuration Checklist

I. **Base Unit**

    A.   UNO, TPC, PPC

II. **Processor/CPU**

    A.   Built in all models except for PPC-6000 series

    B.   Processor requirement can help narrow down base unit

III. **RAM/Memory**

    A.   How much memory is required? UNO and TPC typically have 4GB to 8GB memory built in, with upgrade options available. Memory for PPC is not built in, must be selected

    B.   There are commercial and wide temperature options

IV. **Storage Device**

    A.   How much storage is required?

    B.   What kind of storage does the base unit support? (2.5" SSD/HDD, mSATA, M.2, CFast, eMMC)

        1.   Standard rotating hard drive 5400RPM to 7200K RPM, 24/7 or non-24/7 options

        2.   SSDs including 2.5", mSATA, M.2, and CFast come in commercial and wide temperature options

            a)   *Types of flash used in SSDs included SLC, uMLC, MLC, TLC, sTLC*

            b)   *MLC and TLC are now very comparable and the most commonly used.*

        3.   Select UNO/PPC models support RAID 0/1

V. **Expansion Slots or iDoor Modules**

    A.   Select models of the TPC and UNO models support iDoor expansion

    B.   PCI and PCIe add on cards can be added to UNO-3000 series

VI. **Operating System**

    A.   Windows 7, Windows 10, AdvLinuxTu

        1.   Support varies by model

        2.   Windows 10 IoT LTSC/LTSB uses a processor based licensing model

            a)   *ATOM/Celeron select Entry Level license*

            b)   *i3/i5 select Value Level license*

            c)   *i7/Xeon select High Level license*

VII. **Power**

    A.   Optional power adapters available

    B.   DIN Rail power supply options

VIII. **Mounting Kits**

    A.   Support varies by model: DIN Rail, wall mount, stand mount, panel mount, VESA mount