0.1 Development PC

Specifications pertaining to the development PC with respect to the test platform are exhibited in Table 0.1.

Table 0.1: Development PC Specifications

Hardware/Software Component	Version
PC	2015 Macbook Pro [1]
Operating System (OS)	macOS 10.12.5
Mathworks Software Suite	r2017a
· Matlab Support Package for Arduino Hardware	17.1.0
· Simulink Support Package for Arduino Hardware	17.1.0
Mathworks-Supported Compiler [2]	-
· Xcode	7.3.1
Simulink Support Package for MinSeg	-
· Rensselaer Arduino Support Package Library (RASPLib) [3]	1.1

0.1.1 Alternative Operating Systems

Although a PC installed with macOS operating system was used, alternative operating systems (*Windows and/or Linux*) would be equally acceptable.

Such a transition would primarily require an alternative supported compiler as well as slight alterations to the method of determining the test platform serial communication channel.