



**ANNEXURE 3: SPECIFICATION: LAPTOP-DESKTOP AND TABLETS**

**Specifications/Requirements pertaining to desktops/laptops/All-in-one devices are as follows:**

The description and scope of the services required are indicated in the Annexure 1: scope of work and below:

- a. Supply, physically install, configure, setup and ensure proper functioning of Computing Devices at the designated University locations. In the case of a student lab PC, each device and monitor must be secured in the University supplied cages with the relevant security cables and locks.
- b. Uninstall currently installed Computing Devices and relocate to a University designated secure area
- c. Pre-install a University provided Windows image on all desktop and/or laptop computers before delivery and physical installation. (Please note that there may be different images depending on location within the University).
- d. The successful service provider must ensure that warranty for each device is properly registered with the OEM. The warranty varies from three to five years depending on the computing device usage.
- e. Perform and complete asset tagging and accurate asset register composition.
- f. Provide one demo model of similar specification per category for the University to create and test the Windows image.
- g. Provide one loan machine at no additional cost to the University for each of the models to be benchmarked and tested by the University.

Below is a list of the University’s approved hardware as at March 2019:

**Note:** Dell, and Apple MAC models should be equivalent or better than the list above (not home use),

<b>Approved Computer Model – 2018:</b>	<b>Processor Generation (Intel Core)</b>	<b>Process or (GHz)</b>	<b>Memory (GB)</b>	<b>Internal Storage (GB)</b>	<b>Graphics</b>	<b>Audio</b>
HP ProDesk 400 G5 MT	i3-8100	3,6	8	500	Intel(R) UHD Graphics 630	Synaptics HD Audio
HP ProDesk 400 G4 MT	i5-7500	3,4	8	500	Intel(R) HD Graphics 630	Conexant HD Audio
HP EliteDesk 800 G4 TWR	i5-8500	3	8	500	Intel(R) UHD Graphics 630	Synaptics HD Audio

HP EliteDesk 705 G4 SFF (AMD CPU)	AMD Ryzen 5 PRO 2400G	3,6	8	500	AMD Radeon(TM) RX Vega 11 Processor Graphics	Synaptics HD Audio
HP Z4 Workstation G4	i9-7900X	3,3	16	500	NVIDIA Quadro M2000	Realtek High Definition Audio
HP EliteBook 850 G5	i5-8250U	1,8	8	512 SSD	Radeon RX 540 Series?	Radeon RX 540 Series
HP EliteBook 840 G5	i7-8550U	2	8	512 SSD	Intel(R) UHD Graphics 620	Intel® UHD Graphics 620
HP EliteBook 830 G5	i5-8250U	1,8	8	512 SSD	Intel® UHD Graphics 620	Conexant ISST Audio
HP Zbook 17 G5	i7-8850H	2,6	32	512 SSD	Intel® UHD Graphics 630	Realtek High Definition Audio
HP EliteBook X360 1030 G2	i7-7600U	2,9	8	512 SSD	Intel(R) HD Graphics 620	Conexant ISST Audio
Lenovo Thinkpad T480	i5-8350U	1,9	8	512 SSD	Intel(R) UHD Graphics 620	Realtek High Definition Audio
Lenovo ThinkPad P51s	i7-7500U	2,9	8	512 SSD	Intel(R) HD Graphics 620	Realtek High Definition Audio
Lenovo ThinkPad T580	i5-8350U	1,9	8	512 SSD	Intel(R) UHD Graphics 620	Realtek High Definition Audio
Lenovo ThinkPad X280	i5-8350U	1,9	8	512 SSD	Intel(R) UHD Graphics 620	Realtek High Definition Audio
Lenovo ThinkCentre M720t	i5-8400	2,8	8	500	Intel(R) UHD Graphics 630	Realtek High Definition Audio
Lenovo ThinkCentre M920t	i5-8500	3	8	500	Intel(R) UHD Graphics 630	Realtek High Definition Audio