Personal Computing Device Standards

Version 0.1
Date: 22/01/2020

Author: Daniel Card

## Introduction

Company ABC operates a range of technology services which require staff have access to personal computing devices. This document outlines the technology standards so that device procurements and use is consistent and meets the required operational and security specifications.

# Desktop Devices

## Standard Desktop

Desktop devises should meet the following minimum standard:

|  |  |  |
| --- | --- | --- |
| Capability | Minimum Standard | Rationale |
| Operating System | Windows 10 Pro (upgraded to Enterprise via M365) |  |
| Processor | 2.6Ghz Intel I5 |  |
| RAM | 8GB |  |
| TPN Module | 2.0 |  |
| Primary OS Hard Drive | Solid State Disk/M2 >=250GB |  |
| Secondary Hard Drive (optional) | SATA SSD/HDD |  |
| Graphics | Integrated Graphics |  |
| RAID | There is no minimum standard for RAID. Standard devices are not shipped with RAID arrays. |  |
| Out of Band Management | Intel AMT/VPro Capable |  |
| Warranty | 3 Years Standard Business Warranty Services |  |
| Screen | >= 1080p |  |
| Form Factor/Size | Mini/Micro/Tower |  |
| Manufacturer Range | Business Range |  |
| Manufacturer |  |  |

## Performance Desktop

Performance desktops will be specified by the IT team on a per request basis supported by a valid and approved (director level) business case. They should meet and/or exceed the minimum specification for standard desktop devices.

# Laptop Devices

|  |  |  |
| --- | --- | --- |
| Capability | Minimum Standard | Rationale |
| Operating System | Windows 10 Pro (upgraded to Enterprise via M365) |  |
| Processor | 2.6Ghz Intel I5 |  |
| RAM | 16GB |  |
| TPN Module | 2.0 |  |
| Primary OS Hard Drive | Solid State Disk/M2 >=250GB |  |
| Secondary Hard Drive (optional) | SATA SSD/HDD |  |
| Graphics | Integrated Graphics |  |
| RAID | There is no minimum standard for RAID. Standard devices are not shipped with RAID arrays. |  |
| Out of Band Management | Intel AMT/VPro Capable (optional) |  |
| Warranty | 3 Years Standard Business Warranty Services |  |
| Screen | >= 1080p |  |
| Form Factor/Size | Laptop/Ultrabook 13” – 15” |  |
| Wireless Network Adapter | Dual Band Wifi (2.4Ghz – 5Ghz) |  |
| Manufacturer Range | Business Range |  |
| Ports | USB-C |  |
| Carry Case | Standard Range |  |
| Spare Charger | Standard OEM Charger |  |
| Docking Station (Optional) | USB-C |  |
| Manufacturer |  |  |

# Software and Licenses

A standard company user will need to have the following license purchased at time of device purchase:

UK Office Back Office Personnel

* Microsoft 365 E5

UK Office Production Personnel

TBC

Mobile User

* Microsoft 365 E5