BYOD Minimum Specifications

Component	Minimum Requirement	Notes
Operating System	Windows 10 Home (x64)	Since the units will only be connected to the wi-fi it can be home addition. x64 architecture to fit within our existing school environment **NB**: Some parents may opt for a MacBook however please be aware not all the required software (especially the OneNote plugins) will work on a Mac and **support from ICT will be limited.** **Chromebooks and iPads are not supported and will not work at the school.**
Wi-Fi	a/n/ac 5 GHz	Units must be able to connect to a Cisco n/ac standard wireless access point. **NB**: Must be 5Ghz Compatible
Battery	6 hrs	Units must remain charged for a full school day with moderate use. Please remember battery charge will deteriorate over time. The more capacity the better. It would be good if your warranty also includes battery replacement. **NB**: The school does not offer charge facility
CPU (Processor)	Intel celeron 6th Gen or above	The better the processor e.g. Intel core i3/i5 the better the learning experience for your child. Please be aware some cheaper units offer AMD processors that may not be optimised for a mobile use and can be very power hungry. *For optimal experience intel i5 11th Gen is recommended*
Screen size	11.6" WXGA 1366 x 768	Once again a balance between weight, usability, battery life. Too small you require lots of scrolling, too large uses too much battery and cannot be placed safely on the school desk. *For optimal school use about a 12" screen is recommended.*
Input	Keyboard, touchpad	Again, for productivity it is suggested at least 10-point touch enabled screen, with stylus input. Students may also opt for an external mouse.
Output	1 x USB 3.0	Please consider having at least one USB charge port and HDMI or display port. Good to have at least 2 USB ports. You may also wish to consider a docking station at home to connect other peripherals including external monitor
RAM	8 GB	To enable having more than one application open *For optimal experience 16GB RAM is recommended.*
Storage	256 GB	Solid-state drive gives better performance and uses less battery. In addition, since it has no moving parts it may not break down. *For optimal experience a 500GB SSD is recommended*
Antivirus		A paid for corporate grade anti-virus is highly recommended. The school uses Trend micro and Webroot for example. If Antivirus has VPN functionality this must be disabled before joining the school network.
Recommended Suggestions		
Weight	Under 2 kg	Your child will need to carry this to and from school every day, need to balance weight, robustness, usability, recommended the weight of the unit is kept to under 1.5 kg
Carry case	Padded carry case, with rigid corners	Must fit inside your child's school bag, Tanc cases are very robust.
Warranty	For the expected life of the unit (1–3 year)	NB Most consumer grade units have a 12-month Return To Base warranty with no timelines on repair times. Upgrade to NBD onsite warranty repair with a guarantee repair time.
Insurance		Highly recommended you seek accidental damage protection where available. May be covered via credit card or home insurance please check
Portable Hard drive		For backups
Computrace or something similar		If unit was left behind, lost, stolen.