

DSA Computer Specification Matrix

This guidance supersedes any previous versions

Implementation date – 01/06/16

Table of Revisions from previous Matrix v3.0 (November 2015)

Details of Section	Details of Change
Page 2 – Table Specification codes	Updated VI / Creative to be specifically SFW students and added VI for SFE students.
Page 3 – Technical Information	Note added for Desktop PCs to indicate the minimum monitor size and the inclusion of a standard keyboard and mouse.
Page 4 – Table 3 printer and other specifications	Headset for Dragon updated to indicate the minimum criteria to include mute and volume control options
Page 4 – Items to supplied “as standard” with desktop	Powered 4 way USB hub no longer to be supplied to SFE students. Item is for SFW students only
Page 4 – Items to supplied “as standard” with notebook	All items remain for SFW students; SFE students are limited to carry case.

Assessors should request a computer by reference (see table 1). The computer quoted for, and supplied by the ATSP should be **no less**¹ than the specification detailed in table 2.

Note: The codes are provided for guidance only - assessors with specific requirements should request these as an adjustment to an existing reference, list the required specification or request a specific model. Suppliers will make best endeavours to provide an appropriate machine.

Table 1 - Specification codes

Reference (+ number for notebook screen size)		Usage
CLASSIC	WKH	General purpose text-to-speech, speech-to-text.
VI/CREATIVE (SFW Students) VI (SFE Students)	VI/CRE VI	Higher specification for general graphics and VI software recommendations. For SFE students, recommendations for this spec will only be considered for VI students.
LIGHTWEIGHT CLASSIC	WCR	Lightweight notebook of WKH / CLASSIC specification.

¹ The specifications detailed are minimum specifications. Suppliers can offer a higher specification when constrained by availability of the minimum specification or when more competitive pricing can be obtained using a higher specification. The specification must exceed or match the quoted minimum in all respects.

Table 2 - Technical information

Suggested Ref. DSA-	CQS name	Screen size (inches)	Processor	Chipset	Processor Speed (Native / Turbo) GHz	memory (GB)	Hard drive (GB)	Optical Drive	Graphics (*min support for Design machines DX 11 + OpenGL 4.0)	Operating System	Max Weight (KG) inc battery
DESKTOP							7200 rpm				
WKH ¹	Classic	n/a	i5	4 th gen (Haswell)	Any processor	4	500	Super	Intel HD graphics 4400	Windows 8.1 64bit	N/A
CRE ¹	Creative	n/a	i5	4 th gen (Haswell)	Any processor	8	1000	Super	Nvidia/AMD 1Gb Dedicated Graphics	Windows 8.1 64bit	N/A
LAPTOP											
WKH15	Classic 15"	15.6	i5	5 th gen (Broadwell)	Any processor	4	320	Super	Intel Graphics HD 4600	Windows 8.1 64bit	2.8
VI/CRE15	VI/Creative 15"	15.6	i5	5 th gen (Broadwell)	Any processor	8	500	Super	1GB Dedicated Graphics	Windows 8.1 64bit	3
VI/CRE17	VI/Creative 17"	17.3	i5	5 th gen (Broadwell)	Any processor	8	500	Super	1GB Dedicated Graphics	Windows 8.1 64bit	4
WCR	Lightweight	12.5/13.3	i5	5 th gen (Broadwell)	Any processor	4	320	Super	Intel HD Graphics 4600	Windows 8.1 64bit	1.5

Note 1 – For desktop PC’s the standard monitor size should be 19”. Additionally they must be supplied with a keyboard and mouse as standard.

All computers to have Wi-Fi, one year warranty, one year anti-virus, DVD-writer (external drive if internal is not available). Desktops to have six USB2 ports and be metal cased. Notebooks to have no less than 2 USB2 ports and webcam.

Notes: Mac Computers – The minimum specification offered by Apple in each category (subject to usual justification) to be default recommendation. In the case of a desktop Mac, the Mac-Mini can be considered equivalent to the WKH/Classic PC specification. This computer should be supplied with a genuine Apple wired keyboard, wired mouse and genuine Apple optical drive, together with a compatible 19” monitor.

Table 3 – Printer and other specifications - Default minimum specifications for use when an assessor omits to specify a make and model of the item

Item	Default specification
Printer or Multifunction	Separate ink cartridges (individual colour cartridges) Automatic Duplex Wireless
Printer specified with Bookscanner	Separate ink cartridges (individual colour cartridges) Automatic Duplex Stackable Wireless
Headset for Dragon voice input software	Nuance certified, USB, monaural headset – the headset must have as a minimum mute and volume control options.

Items to be supplied ‘as standard’ with desktop:

- Wired Keyboard & Wired Mouse
- External speakers (if not part of monitor) **(SFW Students only)**
- 6-way mains anti-surge extension **(SFW Students only)**
- Powered 4 way USB hub **(SFW Students only)**

Items to be supplied ‘as standard’ with notebook: (SFW Students only)

- Wired Keyboard & Wired Mouse [Mac - compatible devices acceptable, but keyboard must have Apple layout and marked specialist keys].
- 6-way mains anti-surge extension
- Powered 4 way USB hub
- Adjustable height laptop stand – for guidance on laptop stands please select the following link - <http://www.dsa-qag.org.uk/dsa-laptop-stand-guidance/file>
- Carry case [Rucksack / Briefcase] or laptop slipcase

Items to be supplied ‘as standard’ with notebook: (SFE Students only)

- Carry case [Rucksack / Briefcase] or laptop slipcase