

TABLE 3.4 HARDWARE EVALUATION RUBRIC

HARDWARE:

DESCRIPTION:

VENDOR:

COST:

NOTES ON USE:

Please rate the features below for each hardware component. Next to each of the items in the rubric, mark the box that best reflects your opinion.

EVALUATION CRITERIA

<i>Hardware Feature</i>	1 <i>Poor</i>	2 <i>Below Average</i>	3 <i>Average</i>	4 <i>Above Average</i>	5 <i>Excellent</i>
CPU	Speed below school standard; insufficient to run class software	Speed below standard but sufficient to run most class software	Speed at standard; will support current class software	Speed at or above standard; will support newer software	Speed above standard; likely to support next-generation software
RAM	Capacity below school standard; insufficient to run class software	Capacity below school standard but sufficient to run most class software	Capacity at standard; will support current class software	Capacity at or above standard; will support newer software	Capacity above standard; likely to support next-generation software
Input devices	Keyboard flimsy with limited features; off-brand mouse without features	Keyboard flimsy but with some extra features; off-brand mouse with some features	Keyboard includes features (wrist guard, etc.); brand-name mouse with features	Multimedia keyboard; brand-name mouse or trackball	Multimedia keyboard; brand-name optical trackball or mouse
Monitor	Low resolution; slow scan rate, minimum color depth; insufficient for newer software	Low resolution; acceptable scan rate and color depth; may be insufficient for some software	resolution, scan rate, color depth meet school standards; will display most software	Resolution, scan rate, color depth meet or exceed school standards; will display newer software	Resolution, scan rate color depth meet or exceed school standards; will display next-generation software
Hard drive	Capacity below school standard; insufficient to run class software	Capacity below school standard but sufficient to run most class software	Capacity at standard; will support current class software	Capacity at or above standard; will support newer software	Capacity above standard; likely to support next-generation software
Removable media drives	No removable media drive; no expansion capacity	Limited to 1 floppy disk drive; limited expansion capacity	1 or more floppy disk drives; expandable	Floppy disk and 1 other removable media drive; expandable	Multiple removable media drives with capacity to expand
Optical drives	No optical drive	CD-ROM only	1 optical drive (CD-R or CD-RW)	Multiple optical drives (CD-RW and CD-ROM)	Multiple optical drives (CD-RW and DVD or DVD-R)
Sound system	Minimal sound card; non-powered speakers	Minimal sound card; powered speakers	Adequate sound card; powered speakers	Upgraded sound card; amplified speakers	Upgraded sound card; amplified speakers with woofer
Ports	Minimal ports; no USB ports	Adequate ports; 1 USB port	All standard ports; 2-4 USB ports	All standard ports; 4 or more USB ports	All standard ports; 4 or more USB ports, front-accessible
Warranty support	No warranty; no free phone support	Less than 1-year warranty; no free phone support	1-year warranty; free phone support for less than 1 year	1-year warranty; free phone support for 1 year	1-year warranty; free phone support; on-site support

Total the score for each hardware component. Compare the scores. The component with the highest score is your best choice.