

SWLS Basic Guide of Desktop Computer Selection Criteria

Circle User Type	X	Primary Uses	Software examples	X	HD (GB)	Min. 4 GB RAM for 64-bit OS	CPU Processor	Video/Graphics Card
Office	Circ	Internet apps	Email, IM		250	4	Intel Core i3 +	Integrated
		Internet apps	Surfing		250+	4	Intel Core i5 +	
		Business apps	MS Office		250	4	Intel Core i5 +	
	PAC	Light gaming	Solitaire, Tetris, Farmville		250	4	Intel Core i5 +	
		Regular Graphics apps	Photo programs		250+	4	Intel Core i5 +	
	PAC	Visually intensive Graphics	Record CDs		500+	4	Intel Core i7 +	Dedicated Card <i>(PCI-Express slot aka x16 slot)</i>
		Visually intensive Graphics	Watch DVDs		500+	4	Intel Core i7 +	
		3D/Intensive Graphics apps	Iluminar, Adobe Flash, Acrobat		500+	4	Intel Core i7 +	
		3D/Intensive Graphics apps	Video Talk		500+	4+	Intel Core i7 +	
		3D/Intensive Graphics apps	Videoconferencing		500+	4+	Intel Core i7 +	
		3D/Intensive Graphics apps	Gaming		500+	8+	Intel Core i7 +	
		3D/Intensive Graphics apps	Photo/Video editing/rendering		750+	8+	Intel Core i7 +	
	3D/Intensive Graphics apps	Blu-Ray		750+	8+	Intel Core i7 +	VIVO (video-in/video-out) Rated for High-Definition	
Peripherals								
Peripherals	Chassis Port Reqrmts		Type of Port Needed		Notes:			
Monitor	VGA or DVI							
Barcode Scanner	PS2 or USB port reqrmt							
Printer	USB or Other							
Scanner	USB or Other							
Digital Camera	Built-in scan card slot(s)							
MP3 Audio Device	Determine requirements							
Game Controller	Determine requirements							
External Hard Drive	Determine requirements							