

Processor	AMD A6, A8, or A10 series APUs						Security features	<ul style="list-style-type: none"> Security slot (in rear for optional Kensington[®] MicroSaver[™] cable) Power-on password Administrator password 		
	APU	Cores	Frequency (Base/Max)	Cache	Memory Types	Integrated Graphics		Keyboard Mouse	Full-size keyboard (USB connector), Fn keys, black Lenovo optical mouse (USB connector), black	
	A8-7600	4	3.1 GHz / 3.8 GHz	4 MB	DDR3-2133	Radeon R7				
	A8-8650	4	3.2 GHz / 3.9 GHz	4 MB	DDR3-2133	Radeon R7				
A10-7800	4	3.5 GHz / 3.9 GHz	4 MB	DDR3-2133	Radeon R7	Mechanical	<ul style="list-style-type: none"> Mini Tower (20L), black color Dimensions (WxDxH): 6.3" x 16.1" x 14.0"; 160mm x 410mm x 355mm Weights (net weight): 14.3 lb (6.5 kg), vary by configuration Bay 1: 5.25", 1.6" high, access, optical (optional) Bay 2: 3.5", 1" high, no access, standard disk Bay 3: 3.5", 1" high, no access, optional disk Slot 1: half-length, full-height, PCIe x16 (Version 3.0) Slot 2: half-length, full-height, PCIe x1 (Version 2.0) Slot 3: half-length, full-height, PCIe x1 (Version 2.0) Slot 4: PCIe Mini Card x1 (Version 2.0, for optional WLAN) 			
Memory	16GB max, PC3-12800 1600MHz DDR3, two 240-pin DIMM sockets							Power supply	<ul style="list-style-type: none"> Some: 180 watts, autosensing, universal (100V-240V) Some: 180 watts, autosensing, 85% PSU, EnergyStar 6.0, universal (100V-240V) Some: 280 watts, autosensing, universal (100V-240V) Some: 280 watts, autosensing, 85% PSU, EnergyStar 6.0, universal (100V-240V) 	
Disk	Some: SATA 6.0Gb/s, 3.5" wide, 7200 rpm									
Optical	Some: 1TB (7200 rpm, 3.5" wide) Solid State Hybrid Drive (SSHD) with 8GB MLC NAND flash memory, SATA 6.0Gb/s Some: Solid State Drive (SSD) / SATA 6.0Gb/s, 2.5" Wide Some: DVD-ROM SATA 1.5Gb/s Drive Some: Super Multi-Burner DVD±RW SATA 1.5Gb/s Drive									
Onboard SATA	SATA 6.0Gb/s controller (integrated in chipset), four SATA 6.0Gb/s connectors						Limited warranty	1-year, limited onsite service / service upgrades available		
Media reader	Optional 7-in-1 media reader (SD, SDHC, SDXC, MMC, MMC plus, MS, MS Pro)									
Graphics	AMD Radeon [™] Graphics in processor, uses main memory, one VGA, one HDMI, supports two independent displays; Some: AMD Radeon [™] R5 235, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI Some: AMD Radeon R5 235, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI Some: NVIDIA [®] GeForce [®] GT 705, 1GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI Some: NVIDIA GeForce GT 705, 2GB DDR3, PCIe 2.0 x16 adapter, DirectX 11, one VGA, one HDMI Some: NVIDIA GeForce GT 720, 2GB DDR3, PCIe 2.0 x8 adapter, DirectX 11, one VGA, one HDMI									
Chipset	AMD A78 FCH									
Front ports	Two USB 2.0, microphone (stereo, 3.5mm), headphone (stereo, 3.5mm)						Preload	Preloaded operating system Windows [®] 10 Home 64-bit Preloaded applications (only some listed) <ul style="list-style-type: none"> Lenovo[®] Rescue System Driver and Application Installation Lenovo Family Cloud Lenovo Companion McAfee[®] LiveSafe[™] (30 days of virus definitions) Adobe[®] Reader[™] Microsoft Office preloaded; purchase a product key to activate Cyberlink Power2Go (DVD±RW, DVD) Cyberlink Power2Go (DVD±RW) 		
Rear ports	Two USB 3.0, two USB 2.0, ethernet (RJ-45), one VGA, one HDMI, additional VGA, DVI-D, or HDMI on optional graphic card on some models *Onboard VGA and HDMI are unavailable on discrete models									
Rear audio ports	Line-in (stereo, 3.5mm), line-out (stereo, 3.5mm), microphone-in (stereo, 3.5mm)									
IEEE 1394	None									
Audio support	High Definition (HD) Audio, Realtek ALC662						Environment	RoHS-compliant		
WLAN	Some: 11b/g/n, PCIe Half Mini Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1 Some: 11ac, PCIe Half Mini Card, Wi-Fi + Bluetooth 4.0 combo adapter, 1x1									
Bluetooth [™]	Some: Bluetooth 4.0 wireless, integrated in Wi-Fi + Bluetooth combo adapter									
Ethernet	One gigabit ethernet port, Realtek RTL8111GN, Wake on LAN [™]									
Modem	None									

See footnotes for more detailed information