

Lenovo V110 (15") 80TH0012++

Machine Type
80TH

Region
EMEA

Processor
Core i5-7200U (2C, 2.5 / 3.1GHz, 3MB)

Graphics
Integrated Intel HD Graphics 620

Memory
4GB DDR4-2400 Soldered

Display
15.6" HD (1366x768)

Multi-touch
None

Storage
500GB 5400rpm

Optical
DVD±RW

Ethernet
100/1000M

WLAN + Bluetooth
11ac, 1x1 + BT4.1

Color
Black, Texture

Camera
0.3MP

Microphone
Monaural

Keyboard
Non-backlit

Fingerprint Reader
None

Battery
4-cell (32Wh)

Power Adapter
45W

Operating System
Windows 10 Home 64

Warranty
1-year, Depot

Ann Date (mm/yy)
05/17

Note:

Country Code "US" is for United States, "++" is for EMEA countries (e.g. AD - Saudi, Arabia, AT - Austria, BM - Bulgaria, etc.), "xx" is for EAST countries (e.g. BM - Bulgaria, CX - Hungary, CY - Cyprus, etc.), and "***" is for MEA countries (e.g. AD - Saudi, Arabia, ED - Egypt, EQ - Sweden, etc.). Please be aware that the EMEA/ EAST/MEA models listed above might not be available in all countries



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Lenovo V110 (15") Platform Specifications

Product Specifications Reference (PSREF)

Processor	V110-15ISK: Intel® Celeron® Processor, Intel Pentium® Processor, or 6th Generation Intel Core™ i3 / i5 Processor								Display	Some: 15.6" (396mm) HD (1366x768), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio Some: 15.6" (396mm) FHD (1920x1080), anti-glare, LED backlight, 220 nits, 16:9 aspect ratio	
	Processor Number	# of Cores	# of Threads	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Multi-touch	None	
	Cel 3855U	2	2	1.6 GHz	-	2MB	DDR4-2133	Intel HD Graphics 510	Storage	Some: SSD / SATA 6.0Gb/s, 2.5" wide Some: HDD / SATA 6.0Gb/s, 2.5" wide, 7mm or 9.5mm high Some: SSHD with 8GB NAND flash memory	
	Pen 4405U		4	2.1 GHz		2MB		Intel HD Graphics 520	Serial ATA, SATA 6.0Gb/s support, integrated in processor		
	i3-6006U			2.0 GHz		3MB					
	i3-6100U			2.3 GHz		3MB					
	i5-6200U			2.3 GHz	2.8 GHz	3MB			SATA controller	DVD burner, 9.0mm high, fixed, tray-in	
	V110-15IAP: Intel Celeron Processor or Intel Pentium Processor								Ethernet	Gigabit Ethernet connection	
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card	
	Cel N3350	2	2	1.1 GHz	2.4 GHz	2MB	DDR3L-1600	Intel HD Graphics 500	Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter	
	Cel N3450	4	4		2.2 GHz			Intel HD Graphics 505			
	Pen N4200				2.5 GHz						
	V110-15IKB: Intel® Celeron® Processor, Intel Pentium® Processor, or 7th Generation Intel Core™ i3 / i5 Processor								Dimensions	WxDxH: 14.96" x 10.31" x 0.90"; 380mm x 262mm x 22.9mm	
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Weight	1.9 kg (4.19 lb)	
	Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Case color	Black texture	
	Pen 4415U		4	2.3 GHz				Intel HD Graphics 620	PC/ABS plastic		
	i3-7100U			2.4 GHz							
	i5-7200U			2.5 GHz						3.1 GHz	
	V110-15AST: AMD A-Series or E-Series APUs								Case material		
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
	E2-9010	2	2.0 GHz	2.2 GHz	1MB	DDR4-1866	AMD Radeon™ R2 Graphics	Ports	One USB 3.1 Gen 1 / USB3.0, one USB 2.0, HDMI, Ethernet (RJ-45)		
	A6-9210		2.4 GHz	2.8 GHz		DDR4-2133	AMD Radeon R4 Graphics	AMD Radeon R5 Graphics			
	A9-9410		2.9 GHz	3.5 GHz							
Graphics	V110-15ISK: Intel HD Graphics 510 or 520 in processor only, or Intel HD Graphics 510 or 520 in processor and AMD Radeon R5 M430 or AMD Radeon 530, 2GB memory; V110-15IAP: Intel HD Graphics 500 or 505 in processor only; V110-15IKB: Intel HD Graphics 610 or 620 in processor only, or Intel HD Graphics 610 or 620 in processor and AMD Radeon 530, 2GB memory; V110-15AST: AMD Radeon R2, R4, or R5 Graphics in processor only, or AMD Radeon R2, R4, or R5 Graphics in processor and AMD Radeon R5 M430, 2GB memory; supports independent display;								Camera (optional)	0.3MP, fixed focus	
									Audio support	HD Audio, monaural speaker, 1.5W x 1 / optional monaural digital microphone, combo audio/microphone jack	
									Keyboard	6-row, multimedia Fn keys, numeric keypad	
									Touchpad	2-button touchpad, multi-touch	
									Security	Power-on password, hard disk password, supervisor password, security keyhole	
									Security chip	Firmware TPM 2.0, integrated in chipset	
									Fingerprint reader	None	
									Battery	V110-15ISK: Integrated Li-Ion 4-cell (32Wh) battery V110-15IAP: Integrated Li-Ion 3-cell (24Wh) battery V110-15IKB: Integrated Li-Ion 4-cell (32Wh) battery V110-15AST: Integrated Li-Ion 3-cell (24Wh) battery	
									Max battery life	Up to 6 hr	
									AC adapter	45W or 65W AC adapter	
									Preload	Some: Windows® 7 Professional 64 preinstalled through downgrade rights in Windows 10 Pro 64 • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) Some: Windows 10 Home 64 Some: Windows 10 Pro 64 • Lenovo Companion • Lenovo Setting • Microsoft Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial)	
									Limited warranty	One of the following, configurable by model: • 1-year depot repair service • 2-year/1-yr battery depot repair service	
Chipset	Intel or AMD SoC (System on Chip) platform								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant	
Memory	V110-15ISK: 16GB max / 2133MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket V110-15IAP: 8GB max / 1600MHz DDR3L, dual-channel capable, optional 2GB memory soldered to systemboard, one DDR3L SO-DIMM socket V110-15IKB: 16GB max / 2400MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket V110-15AST: 8GB max / 2133MHz DDR4, dual-channel capable, 4GB memory soldered to systemboard, one DDR4 SO-DIMM socket * System clocks down for processors with lower memory controller										

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