

# Lenovo V110 (15") 80TD000F\*\*

**Machine Type**  
80TD

**Region**  
MEA

**Processor**  
AMD E2-9010 (2C, 2.0 / 2.2GHz, 1MB)

**Graphics**  
Integrated AMD Radeon R2 Graphics

**Memory**  
4GB DDR4-2133 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**  
3-cell (24Wh)

**Power Adapter**  
45W

**Operating System**  
None

**Warranty**  
1-year, Depot

**Ann Date (mm/yy)**  
10/16

## 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	SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor		
	i3-6006U			2.0 GHz		3MB			Optical (optional)	DVD burner, 9.0mm high, fixed, tray-in		
	i3-6100U			2.3 GHz		3MB			Ethernet	Gigabit Ethernet connection		
	i5-6200U			2.3 GHz	2.8 GHz	3MB			WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card		
	V110-15IAP: Intel Celeron Processor or Intel Pentium Processor								Bluetooth™	Bluetooth 4.1 wireless, integrated in Wi-Fi + Bluetooth combo adapter		
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Dimensions	WxDxH: 14.96" x 10.31" x 0.90"; 380mm x 262mm x 22.9mm		
	Cel N3350	2	2	1.1 GHz	2.4 GHz	2MB	DDR3L-1600	Intel HD Graphics 500	Weight	1.9 kg (4.19 lb)		
	Cel N3450	4	4		2.2 GHz			Intel HD Graphics 505	Case color	Black texture		
	Pen N4200				2.5 GHz			Case material	PC/ABS plastic			
	V110-15IKB: Intel® Celeron® Processor, Intel Pentium® Processor, or 7th Generation Intel Core™ i3 / i5 Processor								Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)		
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Ports	One USB 3.1 Gen 1 / USB3.0, one USB 2.0, HDMI, Ethernet (RJ-45)		
	Cel 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Camera (optional)	0.3MP, fixed focus		
	Pen 4415U		4	2.3 GHz				Intel HD Graphics 620	Audio support	HD Audio, monaural speaker, 1.5W x 1 / optional monaural digital microphone, combo audio/microphone jack		
	i3-7100U			2.4 GHz					3MB	Keyboard	6-row, multimedia Fn keys, numeric keypad	
	i5-7200U			2.5 GHz						3.1 GHz	Touchpad	2-button touchpad, multi-touch
	V110-15AST: AMD A-Series or E-Series APUs									Security	Power-on password, hard disk password, supervisor password, security keyhole	
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Security chip	Firmware TPM 2.0, integrated in chipset	Fingerprint reader		
	E2-9010	2	2.0 GHz	2.2 GHz	1MB	DDR4-1866	AMD Radeon™ R2 Graphics	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			
	A6-9210		2.4 GHz	2.8 GHz		DDR4-2133	AMD Radeon R4 Graphics	Max battery life	Up to 6 hr			
	A9-9410		2.9 GHz	3.5 GHz			AMD Radeon R5 Graphics	AC adapter	45W or 65W AC adapter			
	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;								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)		
Graphics									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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# Lenovo V110 (15")

