

Lenovo V110 (15") 80TG0138++

Machine Type
80TG

Region
EMEA

Processor
Celeron N3350 (2C, 1.1 / 2.4GHz, 2MB)

Graphics
Integrated Intel HD Graphics 500

Memory
4GB DDR3L-1600 DIMM

Display
15.6" HD (1366x768)

Multi-touch
None

Storage
1TB 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
Windows 10 Home 64

Warranty
1-year, Depot

Ann Date (mm/yy)
01/18

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



This publication was developed for products and services offered in the United States and E.M.E.A countries. Lenovo may not offer the products, services or features discussed in this document in other countries. Lenovo may withdraw an offering at any time. Information is subject to change without notice. Consult your local representative for information on offerings available in your area. Lenovo reserves the right to change specifications or other product information without notice. Lenovo is not responsible for photographic or typographical errors. Lenovo provides this publication "as is" without warranty of any kind, either express or implied, including the implied warranties of merchantability or fitness for a particular purpose.



<http://psref.lenovo.com>

Visit psref website for the latest version of Product Specifications Reference.

© Lenovo, 2018. All rights reserved.



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		
	i3-6006U			2.0 GHz		3MB				
	i3-6100U			2.3 GHz		3MB				
	i5-6200U			2.3 GHz	2.8 GHz	3MB		SATA controller	Serial ATA, SATA 6.0Gb/s support, integrated in processor	
	V110-15IAP: Intel Celeron Processor or Intel Pentium Processor								Optical (optional)	DVD burner, 9.0mm high, fixed, tray-in
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics	Ethernet	Gigabit Ethernet connection
	Cel N3350	2	2	1.1 GHz	2.4 GHz	2MB	DDR3L-1600	Intel HD Graphics 500	WLAN	11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
	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								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 3865U	2	2	1.8 GHz	-	2MB	DDR4-2133	Intel HD Graphics 610	Weight	1.9 kg (4.19 lb)
	Pen 4415U		4	2.3 GHz				Intel HD Graphics 620		
	i3-7100U			2.4 GHz						
	i5-7200U			2.5 GHz					3.1 GHz	
	V110-15AST: AMD A-Series or E-Series APUs								Case color	Black texture
	Processor Number	# of Cores	Base Frequency	Max Turbo Frequency	Cache	Memory Types	Processor Graphics	Case material	PC/ABS plastic	
	E2-9010	2	2.0 GHz	2.2 GHz	1MB	DDR4-1866	AMD Radeon™ R2 Graphics	Media reader	4-in-1 reader (MMC, SD, SDHC, SDXC)	
	A6-9210		2.4 GHz	2.8 GHz		DDR4-2133	AMD Radeon R4 Graphics	Ports	One USB 3.1 Gen 1 / USB3.0, one USB 2.0, HDMI, Ethernet (RJ-45)	
	A9-9410		2.9 GHz	3.5 GHz			AMD Radeon R5 Graphics			
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
Chipset	Intel or AMD SoC (System on Chip) platform								Audio support	HD Audio, monaural speaker, 1.5W x 1 / optional monaural digital microphone, combo audio/microphone jack
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								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 Some: Windows 10 Home 64 Some: Windows 10 Pro 64 • Adobe® Reader® • Microsoft® Office preloaded; purchase a product key to activate • McAfee® LiveSafe™ (30-day trial) • 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
									Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

Lenovo

Lenovo V110 (15")

