Miix 510 80XE006TGE

Region WE

Country Germany

Machine Type 80XE

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

Graphics Integrated Intel HD Graphics 620

Memory 4GB Soldered

Display 12.2" FHD (1920x1200) IPS

Multi-touch 10-point Multi-touch

Pen Active Pen

Storage 128GB SSD M.2 PCIe

Optical None

Ethernet None

WLAN + Bluetooth Intel 8260 ac, 2x2 + BT4

WWAN LTE

TPM dTPM 2.0

Color Silver

Camera Front 2.0MP / Rear 5.0MP Microphone Dual Array

Keyboard Backlit

Fingerprint Reader None

Battery 2-cell (39Wh)

Power Adapter 45W

Operating System Windows 10 Pro 64

Warranty 2-year, Depot

Ann Date (mm/yy) 01/17

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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PSREF

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Miix 510 (12") Platform Specifications

Product Specifications Reference (PSREF)

Lenovo

Number Cores Threads Frequency Cache Memory Type Graphics 3:4000U 3:4000U 2.3 GHz 3MB Intel HD Graphics Black or silver Black or silver 3:6100U 2.3 GHz 2.8 GHz MB Intel HD Graphics Black or silver Black or silver 3:7100U 2.5 GHz 3.1 GHz MB DDR4-2133 MB Magnesium aluminium 1:7-5500U 2.5 GHz 3.1 GHz MB DDR4-2133 MB Magnesium aluminium Graphics Intel HD Graphics 520 or Intel HD Graphics 520 in processor MB None Chipset Intel HD Graphics 520 or Intel HD Graphics 620 in processor Touchpad (opt) One-piece multi-louch touchpad Widescreen 12.2° (305mm) FHD (1920x1200) color, LED backlight, 320 nits, f6:10 aspect ratio, IPS display Magnesium aluminum Magnesium aluminum Multi-touch None Li-Polymer, 2-ceil, 39Wh Security chip (opt) Discrete TPM 2.0, TCG Certified Starge extensionUp to 21B (Wifi model only) Iback of silver Security chip (opt) Discrete TPM 2.0, TCG Certified Starge extensionUp to 21B (Wifi model only) Ibactort wireless Som	Processor	6th or 7th Generation Intel [®] Core [™] i3 / i5 / i7 Processors								Dimensions Pad: WxDxH: 11.81" x 8.07" x 0.39"; 300m x 205mm x 9.9mm		
							Cache	Memory Type		Weight		
Intel HD 2 4 Image: Construction of the second of th			-			-	3MB				Bláck or silver	
iii 7:3000 iiii 2:3 GHz iiii 3:1 GHz with iii: 5:72000 iii: 5:72000 iii: 5:72000 iii: 6:72000 iii: 6:72000 Graphics Intel HD Graphics 520 or Intel HD Graphics 620 in processor Graphics Front camera: 2MP resolution, auto focus Graphics Intel HD Graphics 520 or Intel HD Graphics 620 in processor HD Audio, stereo speakers with Dolby® Advanced Audio certification dula rary microphone, combo audio / microphone jack Chipset Intel HD Graphics 520 or Intel HD Graphics 620 in processor One-piece multi-louch touchpad Widescreen 12.2" (305mm) FHD (1920x1200) color, LED backlight, 320 mis, 16:10 aspect ratio, IPS display Security chip (opt) Multi-touch Multi-touch support 10 fingers Active pen (opt) Active pen (opt) Active pen (opt) Active pen (opt) SSD / PCIe 3.0x4 Some: Windows* 10 Pro 64 Optical None Some: Windows* 10 Pro 64 Some: Windows* 10 Pro 64 Storage extensionUp to 2TB (Wifi model only) Itac, 1x1, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Linet Dual Band Wireless-AC 2360, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Linet Dual Band Wireless-AC 2360, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Linet Dual Band Wireless-AC 2360, Wi-Fi + Bluetooth combo adapter, M.2 Card Itimited warranty 1-1-year limited depot warranty 1-2-year/1-yr			Graphics i5-6200U 2.3 GHz 2.8 GHz 520							Media reader	None	
Image: Intel HD Graphics 2.5 GHz 3.1 GHz Multi- 2.7 GHz Graphics Graphics Graphics Floit Califiera Production, auto resolution, nade rocus Graphics Intel HD Graphics 520 or Intel HD Graphical 520 or Intel HD Graphical 520 or Intel HD Graphical 520 or Intel HD			2	4		3.1 GHz -		DDR4-2133	Intel HD		combo audio jack, AC power adapter jack	
Graphics Intel HD Graphics 520 or Intel HD Graphics 620 in processor Chipset Intel SoC (System on Chip) platform Wemory 8GB max / 2133MHz DDR4, soldered to systemboard Widescreen 12.2" (305mm) FHD (1920x1200) color, LED backlight, 320 nits, 16:10 aspect ratio, IPS display Multi-touch Multi-touch, support 10 fingers Keyboard dock Optional: dock with non-backlit keyboard or backlit keyboard Active pen (opt) Active pen M.2 SSD M.2 SSD / PCle 3.0x4 Optical None Biluetooth" Bluetooth 4 wireless WLAN 11ac+BT: 11ac, x11, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card Intel 8260 ac+BT: 11ac, x22, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card WWAN (optional) 4G LTE connectivity		-					_		Graphics		Rear camera: 5MP resolution, auto focus	
Chipset Memory Intel SoC (System on Chip) platform 8GB max / 2133MHz DDR4, soldered to systemboard Security chip (opt) Discrete TPM 2.0, TCG Certified Fingerprint reader Widescreen 12.2" (305mm) FHD (1920x1200) color, LED backlight, 320 nits, 16:10 aspect ratio, IPS display Battery type Li-Polymer, 2-cell, 39Wh Multi-touch Multi-touch, support 10 fingers Battery type Li-Polymer, 2-cell, 39Wh Active pen (opt) Active pen Preload Some: Windows® 10 Home 64 Some: Windows 10 Pro 64 M2 SSD M.2 SSD / PCle 3.0x4 Optical None Preloaded applications (only some listed) Ethernet Bluetooth [™] None Lenovo Cloud Disk Bluetooth [™] Bluetoth 4 wireless Lenovo Cloud Disk WLAN 11ac +BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card 11-year limited depot warranty -2-year/1-yr battery depot repair service Environment ENERGY STAR® 6.1; RoHS-compliant Environment ENERGY STAR® 6.1; RoHS-compliant	Graphics									-	dual array microphone, combo audio / microphone jack	
Widescreen 12.2" (305mm) FHD (1920x1200) color, LED backlight, 320 nits, 16:10 aspect ratio, IPS display Multi-touch Multi-touch, support 10 fingers Keyboard dock Optional: dock with non-backlit keyboard or backlit keyboard M.2 SSD M.2 SSD / PCle 3.0x4 Optical None Storage extension Up to 2TB (Wifi model only) Ethernet None Bluetooth [™] Bluetooth 4 wireless WLAN 11ac+BT: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card MILAN 11ac+BT: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card WWAN (optional) 4G LTE connectivity 4G LTE connectivity Environment ENERGY STAR® 6.1; RoHS-compliant		Intel SoC (System on Chip) platform 8GB max / 2133MHz DDR4, soldered to systemboard								Security chip (opt)) Discrete TPM 2.0, TCG Certified	
Active pen (opt) Active pen Preload Some: Windows® 10 Home 64 M.2 SSD M.2 SSD / PCle 3.0x4 Preload Some: Windows® 10 Pro 64 Optical None Preloaded applications (only some listed) Encovo "ID Storage extension Up to 2TB (Wifi model only) Ethernet None Ethernet None Bluetooth [™] Bluetooth 4 wireless 11ac, 1x1, Wi-Fi + Bluetooth combo adapter Ethernet Lenovo Cloud Disk WLAN 11ac, 4BT: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Wi-Fi + Bluetooth combo adapter 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card Environment ENERGY STAR® 6.1; RoHS-compliant WWAN (optional) 4G LTE connectivity 4G LTE connectivity Fi + Bluetooth combo adapter, M.2 Card Environment ENERGY STAR® 6.1; RoHS-compliant	Multi-touch	320 nits, 16:10 aspect ratio, IPS display Multi-touch, support 10 fingers								Battery type Battery life	Li-Polymer, 2-cell, 39Wh Up to 7.5 hrs	
M.2 SSD M.2 SSD / PCle 3.0x4 Preloaded applications (only some listed) Optical None Lenovo [™] ID Storage extension Up to 2TB (Wifi model only) Lenovo [™] ID Ethernet None Lenovo Always Online Bluetooth [™] Bluetooth 4 wireless Lenovo Cloud Disk WLAN 11ac+BT: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter 11ac+BT: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card • 1-year limited depot warranty VWAN (optional) 4G LTE connectivity	Active pen (opt)	Active pen								Preload		
Bluetooth [™] Bluetooth 4 wireless WLAN 11ac+BT: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter 11ac+BT: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card Intel 8260 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card WWAN (optional) 4G LTE connectivity	Optical	None									Preloaded applications (only some listed) Lenovo [™] ID	
11ac+BT: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165, Wi-Fi + Bluetooth combo adapter, M.2 Card Intel 8260 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card WWAN (optional) 4G LTE connectivity	Bluetooth™	Bluetooth 4 wireless										
Wi-Fi + Bluetooth combo adapter, M.2 Card Intel 8260 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card WWAN (optional) 4G LTE connectivity	WLAN	<i>11ac+BT:</i> 11ac, 2x2, Wi-Fi + Bluetooth combo adapter Intel 3165 ac+BT: 11ac, 1x1, Intel Dual Band Wireless-AC 3165,										
		Intel 8260 ac+BT: 11ac, 2x2, Intel Dual Band Wireless-AC 8260, Wi-Fi + Bluetooth combo adapter, M.2 Card								Environment	ENERGY STAR® 6.1; RoHS-compliant	
SIM card <i>(opt)</i> Single Nano-SIM slot (4G model only)	WWAN (optional) SIM card (opt)				à model only	r)						
Vibrator None Accelerometer(G) Yes eCompass None Hall Sensor Yes	Accelerometer(G) eCompass) Yes None										

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