

Miix 520 BE 20M3000DPG

Region
WE

Country
Portugal

Machine Type
20M3

Processor
Core i5-8250U (4C, 1.6 / 3.4GHz, 6MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
8GB Soldered

Display
12.2" FHD (1920x1200) IPS

Multi-touch
10-point Multi-touch

Keyboard Docking
Keyboard Docking

Keyboard
Backlit

Pen
Bluetooth Active Pen

Storage
256GB SSD M.2 PCIe

Optical
None

WLAN + Bluetooth
11ac, 2x2 + BT4.1

WWAN
None

TPM
dTPM2.0

Color
Iron Grey

Camera
Front 5.0MP / Rear 8.0MP

Microphone
Dual Array

Fingerprint Reader
Fingerprint Reader

Battery
2-cell (39Wh)

Power Adapter
45W

Operating System
Windows 10 Pro 64

Warranty
1-year, Depot

Ann Date (mm/yy)
03/18

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

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Miix 520 (12") Business Editon Platform Specifications

Product Specifications Reference (PSREF)

Processor	7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processors								Dimensions Pad: WxDxH: 11.81" x 8.07" x 0.39"; 300mm x 205mm x 9.9mm Keyboard dock: WxDxH: 11.96" x 8.63" x 0.24"; 303.9mm x 219.1mm x 6mm Weight Pad: 1.94lb / 0.88kg Keyboard dock: 0.84lb / 0.38kg Case color Case material Iron grey or platinum silver Magnesium aluminium	
	Processor Number	# of Cores	# of Threads	Base Frequency	Burst Frequency	Cache	Memory Types	Processor Graphics		
	i3-7130U	2	4	2.7 GHz	-	3MB	DDR4-2133	Intel HD Graphics 620		
	i5-8250U	4	8	1.6 GHz	3.4 GHz	6MB	DDR4-2400	Intel UHD Graphics 620		
i7-8550U	1.8 GHz			4.0 GHz	8MB					
Graphics	Intel HD Graphics 620 or Intel UHD Graphics 620 in processor								Media reader (opt) Ports	MicroSD card reader, supports up to 2TB (Wifi model only) One USB 3.1 Gen 1, one USB 3.1 Type C Gen1 (combine DP1.2, VGA / HDMI), combo audio jack, AC power adapter jack, optional fingerprint reader
Chipset	Intel SoC (System on Chip) platform								Camera	Front camera: 5MP resolution, fixed focus
Memory	16GB max / 2133MHz DDR4, soldered to systemboard * System automatically clocks down for the processors with lower memory controller								Audio support	Rear camera: 8MP resolution, auto focus, support AR HD Audio, stereo speakers with Dolby® Audio X2, 1.0W x 2 / dual array microphone, combo audio / microphone jack
Widescreen	12.2" (305mm) FHD (1920x1200) color, IPS, LED backlight, 320 nits, 16:10 aspect ratio								Touchpad (opt)	One-piece multi-touch touchpad
Multi-touch	Multi-touch (10 fingers)								Security chip (opt)	Discrete TPM 2.0, TCG Certified
Keyboard dock	Optional: detachable folio keyboard with touchpad and optional backlight								Fingerprint reader	Optional: fingerprint reader on right side
Active pen (opt)	Some: Lenovo® Active Pen 1, battery included on some models Some: Lenovo Active Pen 2 (bluetooth), battery included on some models								Battery	Li-Polymer 2-cell (39Wh)
M.2 SSD	M.2 SSD / PCIe 3.0x4								Max battery	MobileMark® 2014: 8 hrs
Optical	None								AC adapter	45 watts slim tip AC adapter
Ethernet	None								Preload	Windows® 10 Pro 64 Preloaded applications (only some listed) • Lenovo ID • Lenovo Settings • McAfee LiveSafe™ (30-day trial) • Lenovo App Explorer
Bluetooth™	Bluetooth 4.1 wireless								Limited warranty	• 1-year depot repair service
WLAN	Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card								Environment	EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant
WWAN (opt)	4G LTE connectivity									
SIM card (opt)	Single Nano-SIM slot (4G model only)									
ALS	None									
eCompass	None									
Hall Sensor	Yes									
G-sensor	Yes									
Gyroscope	Yes									

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