Miix 520 BE 20M3000LPG

Region
WE

Country
Portugal

Machine Type
20M3

Processor
Core i7-8550U (4C, 1.8 / 4.0GHz, 8MB)

Graphics
Integrated Intel UHD Graphics 620

Memory
16GB Soldered

Display
12.2" FHD (1920x1200) IPS

Multi-touch
10-point Multi-touch

Keyboard Docking
Keyboard Docking

Keyboard
Backlit

Pen
Lenovo Active Pen 2

Storage
1TB SSD M.2 PCIe

Optical
None

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

WWAN
LTE

TPM
dTPM 2.0

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)
11/17

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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Miix 520 (12") Business Editon Platform Specifications

Processor

7th or 8th Generation Intel® Core™ i3 / i5 / i7 Processors

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

Chipset
Intel SoC (System on Chip) platform

Memory
16GB max / 2133MHz DDR4, soldered to systemboard
* System automatically clocks down for the processors with lower memory controller

Widescreen
12.2" (305mm) FHD (1920x1200) color, IPS, LED backlight, 320 nits, 16:10 aspect ratio

Multi-touch
Multi-touch (10 fingers)

Keyboard dock
Optional: detachable folio keyboard with touchpad and optional backlight

Active pen *(opt)*
Some: Lenovo® Active Pen 1, battery included on some models
Some: Lenovo Active Pen 2 (bluetooth), battery included on some models

M.2 SSD
M.2 SSD / PCIe 3.0x4

Optical
None

Ethernet
None

Bluetooth™
Bluetooth 4.1 wireless

WLAN
Some: 11ac, 1x1, Wi-Fi + Bluetooth combo adapter, M.2 Card
Some: 11ac, 2x2, Wi-Fi + Bluetooth combo adapter, M.2 Card

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

Dimensions
Pad: *WxDxH:* 11.81" x 8.07" x 0.39"; 300m x 205mm x 9.9mm
Keyboard dock: *WxDxH:* 11.96" x 8.63" x 0.24"; 303.9m x 219.1mm x 6mm

Weight
Pad: 1.94lb / 0.88kg
Keyboard dock: 0.84lb / 0.38kg

Case color
Iron grey or platinum silver

Case material
Magnesium aluminium

Media reader *(opt)*
MicroSD card reader, supports up to 2TB (Wifi model only)

Ports
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 fringerprint reader

Camera
Front camera: 5MP resolution, fixed focus
Rear camera: 8MP resolution, auto focus, support AR

Audio support
HD Audio, stereo speakers with Dolby® Audio X2, 1.0W x 2 / dual array microphone, combo audio / microphone jack

Touchpad *(opt)*
One-piece multi-touch touchpad

Security chip *(opt)*
Discrete TPM 2.0, TCG Certified

Fingerprint reader
Optional: fingerprint reader on right side

Battery
Li-Polymer 2-cell (39Wh)

Max battery
MobileMark® 2014: 8 hrs

AC adapter
45 watts slim tip AC adapter

Preload
Windows® 10 Pro 64
Preloaded applications (only some listed)
- Lenovo ID
- Lenovo Settings
- McAfee LiveSafe™ (30-day trial)
- Lenovo App Explorer

Limited warranty
• 1-year depot repair service

Environment
EPEAT™ Silver; ENERGY STAR® 6.1; RoHS-compliant

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