

Datenblatt zu externen Netzteilen (ErP Lot 7)

Gemäß der VERORDNUNG (EU) 2019/1782 DER KOMMISSION vom 1. Oktober 2019 zur Festlegung von Ökodesign-Anforderungen an externe Netzteile gemäß der Richtlinie 2009/125/EG des Europäischen Parlaments und des Rates und zur Aufhebung der Verordnung (EG) Nr. 278/2009 der Kommission (ErP Lot 7) für die externe Stromversorgung des Produkts.

SA18E17334

Veröffentlichte Informationen	Wert und Genauigkeit					Einheit
Name des Herstellers	Lenovo					-
Modellkennung	MC-452					-
Eingangsspannung	100-240					V (Format xxx)
Eingangswechselstromfrequenz	50/60					Hz (Format xx)
Ausgangsspannung	5,0	9,0	12,0	10,0	11,0	V (Format x,x)
Ausgangsstrom	3,0	3,0	3,0	4,5	4,1	A (Format x,x)
Ausgangsleistung	15,0	27,0	36,0	45,0	45,1	W (Format x,x)
Durchschnittliche Effizienz im Betrieb	85,73	88,33	88,34	88,87	89,29	% (Format x,x)
Effizienz bei geringer Last (10 %)	78,49	79,41	87,75	82,19	81,71	% (Format x,x)
Leistungsaufnahme bei Nulllast	0,049	0,049	0,050	0,050	0,049	W (Format x,xx)

SA18E17323 / SA18E17324

Veröffentlichte Informationen	Wert und Genauigkeit					Einheit
Name des Herstellers	Lenovo					-
Modellkennung	MC-452/ MC-453					-
Eingangsspannung	100-240					V (Format xxx)
Eingangswechselstromfrequenz	50/60					Hz (Format xx)
Ausgangsspannung	5,0	9,0	12,0	11,0		V (Format x,x)
Ausgangsstrom	3,0	3,0	3,0	4,1		A (Format x,x)
Ausgangsleistung	15,0	27,0	36,0	45,1		W (Format x,x)
Durchschnittliche Effizienz im Betrieb	86,48	88,57	89,17	89,05		% (Format x,x)
Effizienz bei geringer Last (10 %)	82,8	83,78	83,28	84,86		% (Format x,x)
Leistungsaufnahme bei Nulllast	0,068	0,08	0,1	0,09		W (Format x,xx)

OVERVIEW



1. Volume buttons	5. Power button (with fingerprint reader)
2. Microphone	6. microSD card slot
3. Speaker	7. Pogo pin connector (3-point)
4. USB-C (USB 5Gbps), with charging & DP Out	

Notes:

- 3-point pogo pin connector is used to connect Lenovo Keyboard Pack for Idea Tab Pro. Keyboard pack availability varies by country/region.

PERFORMANCE

Processor

Processor

Processor Name	Cores	Max Frequency	Processor Graphics
MediaTek Dimensity 8300	Octa-core 1x A715 + 3x A715 + 4x A510	1x A715@3.35 GHz 3x A715@3.2 GHz 4x A510@2.2 GHz	Arm Mali-G615 MC5

Operating System

Operating System^[1]

Android™ 14 or later

Notes:

[1] Expect Android™ 15 & 16 upgrades and 4 years security updates. For latest operating system and security patches deliver plan, please visit <https://support.lenovo.com/solutions/ht501098>.

Graphics

Graphics

Arm Mali-G615 MC5

Memory

Max Memory

- 8GB soldered memory, not upgradable
- 12GB soldered memory, not upgradable

Memory Type

LPDDR5x

Storage

Storage Support

- 128GB UFS 3.1 on systemboard
- 256GB UFS 4.0 on systemboard
- microSD card, supports up to 1TB (exFAT)

Removable Storage

Card Reader

microSD card slot

Multi-Media

Speakers

4 JBL® speakers, 1W x4, optimized with Dolby Atmos®

Microphone

Dual Microphone

Camera

Front 8.0MP, fixed focus, face unlock
Rear 13.0MP, autofocus; with flashlight

Sensor

Vibration Motor

No support

Sensors

- Accelerometer + Gyroscope sensor
- Hall sensor
- RGB sensor

Battery

Battery

Integrated Li-Polymer 10200mAh (typical) battery

Max Battery Life^[1]

11 hours of YouTube streaming

Notes:

[1] All battery life claims are approximate and based on internal testing under optimal laboratory and network conditions. Actual battery performance will vary depending on numerous factors including product configuration and usage, software, operating conditions, wireless functionality, power management settings, screen brightness and other factors. The maximum capacity of the battery will naturally decrease with time and usage.

Power Adapter

Power Adapter

- 5-11V/4.5A (45W max) USB-C® AC adapter, supports PD 3.0, PPS, 100-240V, 50-60Hz
- No power adapter^[1]

Notes:

[1] The power delivered by the charger must be between min 15 Watts required by the radio equipment, and max 45 Watts in order to achieve the maximum charging speed. And the device supports USB Power Delivery (USB-PD).

DESIGN

Display

Display**

Size	Resolution	Touch	Type	Brightness	Surface	Aspect Ratio	Contrast Ratio	Color Gamut	Refresh Rate	Viewing Angle (L/R/U/D)	Key Features
12.7"	3K (2944x1840)	Multi-touch	LTPS	400nits	Glossy	16:10	1500:1	96% DCI-P3	144Hz	85° / 85° / 85° / 85°	273 PPI
12.7"	3K (2944x1840)	Multi-touch	LTPS	400nits	Paper-like Anti-glare	16:10	1500:1	96% DCI-P3	144Hz	85° / 85° / 85° / 85°	273 PPI, TÜV Rheinland® Reflection Free certified

Touchscreen

In-cell multi-touch, supports 10-point touch

Input Device

Pen

- Lenovo® Tab Pen Plus, 4096 levels of pressure sensitivity, tilt detection, palm rejection
- No pen (purchase separately)^[1]

Notes:

[1] For details upon pen compatibility, please check the file "Lenovo® Android™ Tablet - Option Compatibility Matrix" from <https://support.lenovo.com/solutions/accs-guide>. Pen availability may vary by country / region.

Mechanical

Dimensions (WxDxH)^[1]

291.8 x 189.1 x 6.9 mm excluding camera bump (11.49 x 7.44 x 0.27 inches)

Weight^[2]

Around 620 g (1.37 lbs)

Case Color**

- Luna grey
- Seafoam green

Case Material

Metal

Buttons

- Power button
- Volume buttons

Notes:

[1] The system dimensions may vary depending on configurations.

[2] The system weight is approximate and based on results in Lenovo® lab, which varies depending on the source of component, variance of the distribution of each component, and manufacturing process. It may not be the exact weight for each specific model.

CONNECTIVITY

Network

WLAN + Bluetooth®

Wi-Fi® 6E, 802.11ax 2x2 Wi-Fi® + Bluetooth® 5.3

WWAN

No support

Wi-Fi® Direct

Support

Wi-Fi® Display

Support

Location Services

GPS + GLONASS + Galileo

Ports

Standard Ports^[1]

- 1x USB-C® (USB 5Gbps / USB 3.2 Gen 1), with charging / DP-Out / Audio
- 1x microSD card slot
- 1x Pogo pin connector (3-point)^[2]

Notes:

[1] The transfer speed of the ports will vary and, depending on many factors, such as the processing speed of the host device, file attributes and other factors related to system configuration and your operating environment, will be slower than theoretical speed.

[2] 3-point pogo pin connector is used to connect [Lenovo® Keyboard Pack for Lenovo® Idea Tab Pro](#). Keyboard availability varies by country/region.

SECURITY & PRIVACY

Security

Fingerprint Reader

Touch style fingerprint reader integrated in power button

SERVICE

Warranty

Base Warranty^{**[1]}

- 1-year carry-in service
- 1-year mail-in service
- 1-year courier service
- 2-year (1-yr battery) carry-in service
- 2-year (2-yr battery) carry-in service
- 2-year (1-yr battery) courier service
- 2-year (2-yr battery) courier or carry-in service
- 3-year (1-yr battery) courier service

Notes:

[1] For warranty upgrade service, please go to <https://smartfind.lenovo.com/services>. To learn more details of warranty policy, please access <https://support.lenovo.com/warrantylookup/warrantypolicy>.

ACCESSORIES

Bundled Accessories

Bundled Accessories^{***[1]}

- Folio case
- Lenovo® Keyboard Pack for Lenovo® Idea Tab Pro
- Lenovo® Tab Pen Plus
- Moto Buds
- None

Notes:

[1] For compatible accessories, please check the file "Lenovo® Android™ Tablet - Option Compatibility Matrix" from <https://support.lenovo.com/solutions/accs-guide>.

OPERATING REQUIREMENTS

Operating Environment

Temperature

Operating: 0°C (32°F) to 40°C (104°F)

CERTIFICATIONS

Green Certifications^[1]

Green Certifications

- ENERGY STAR® 8.0
- ErP Lot 6/26
- RoHS compliant

Notes:

[1] The items listed under the "Green Certifications" section may not only refer to certification but also registration or self-declaration. For ESG & regulatory compliance documents, please visit <https://compliance.lenovo.com>.

Other Certifications

Dust and Water Resistant

IP52

Other Certifications

- (Optional) TÜV Rheinland® Reflection Free
- TÜV Rheinland® Flicker Free
- TÜV Rheinland® Low Blue Light (Hardware Solution)

SOFTWARE

Preinstalled Software

Preinstalled Software^[1]

- Circle to Search with Google
- Chrome
- Entertainment Space
- Files by Google
- Google Gemini App
- Gmail
- Google

- Google Assistant
- Google Docs
- Google Drive
- Google Duo
- Google Kids Space
- Google Maps
- Google One
- Google Play
- Google Podcasts
- Google Sheets
- Google TV
- Lenovo® Smart Connect
- Lenovo® Vantage
- Messages
- MyScript® Calculator
- Nebo®
- Photos
- Recorder
- WPS
- YouTube
- YouTube Kids
- YouTube Music

Notes:

[1] Actual application availability varies by country/region.

- Feature with ** means that only one option listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
- Feature with *** means that one or more options listed under the feature can be configured on selected models. Please refer to the model configuration for specific information.
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