

TCL NXTWEAR S Product Presentation



TCL NXTWEAR S | Key Selling Points

Display and sound quality improvement for better audio-visual experience



Innovative visual effects

A 1080P resolution, a 108% sRGB color gamut and greatly increased contrast ratio, deliver studio-level effects for an ultimate consumer-grade XR experience.



Immersive surround sound

Powerful speaker and customized acoustic cavity design deliver crisp treble and thumping bass.



Stylish and comfy

Trendy, ergonomic and comfortable glass frame designs, with exchangeable lens covers to create new looks.



Cinematic viewing experience

Equivalent to a 130-inch display at 4 meters away. Extended 1080P resolution and PPD 49 high pixel level reveal exquisite detail.



Easy to use controls

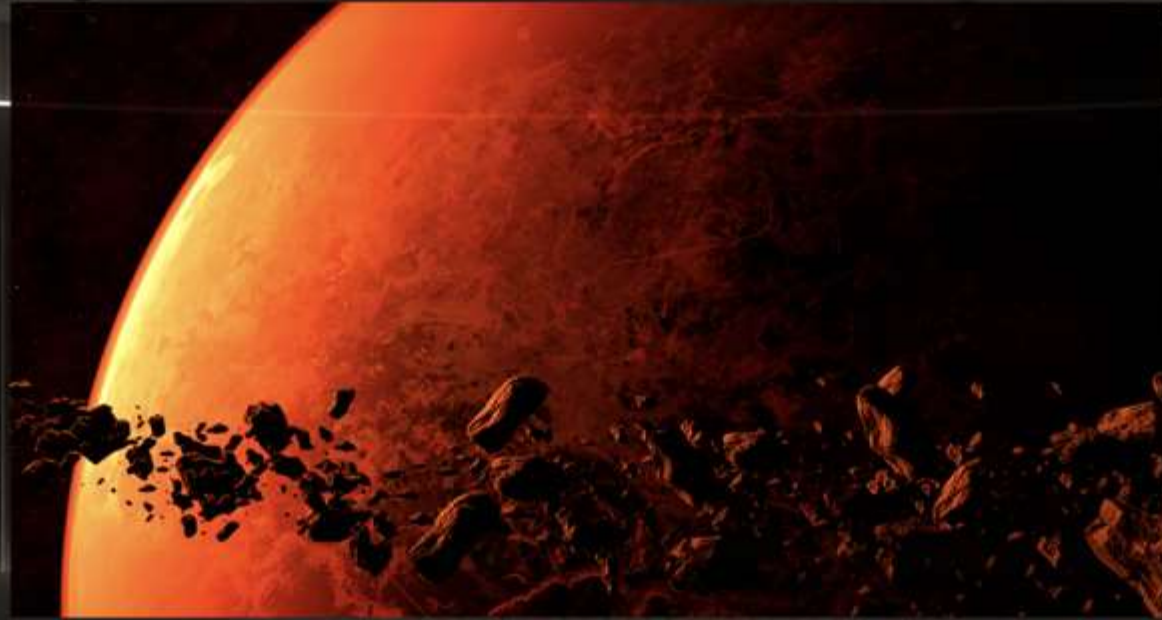
Temples on the glasses feature a built-in knobs to adjust the volume and brightness. Long press the knob and hold for 2 seconds to switch between 2D/3D modes.



AR industry-leading eye safety displays

Low Blue Light, Flicker Free and Eye Comfort certified technology, marking TÜV Rheinland's top-level display certification for AR devices. Effectively reduces visual fatigue and eye strain.

TCL NXTWEAR S | Optics & Display



- Next-gen Micro OLED display

- Resolution 1080P

- FOV 45°

- Studio-grade display quality

- Color gamut 108% sRGB

- PPD 49

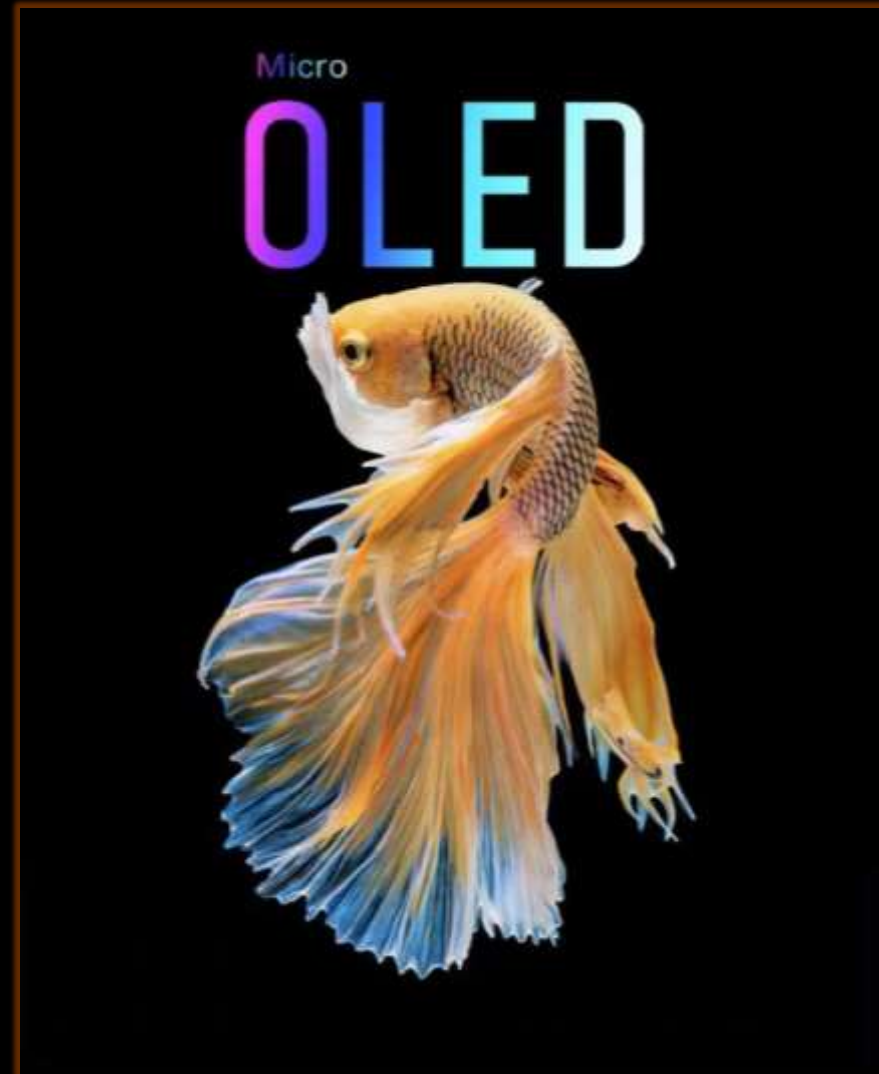
TCL NXTWEAR S | Optics & Display

Next-gen Micro OLED Display

The ultra-wide color gamut of 108% sRGB delivers more immersive viewing for AR experience.

Studio-grade professional display effects.

Designed to power up your streaming, gaming experience and ease your daily office tasks.



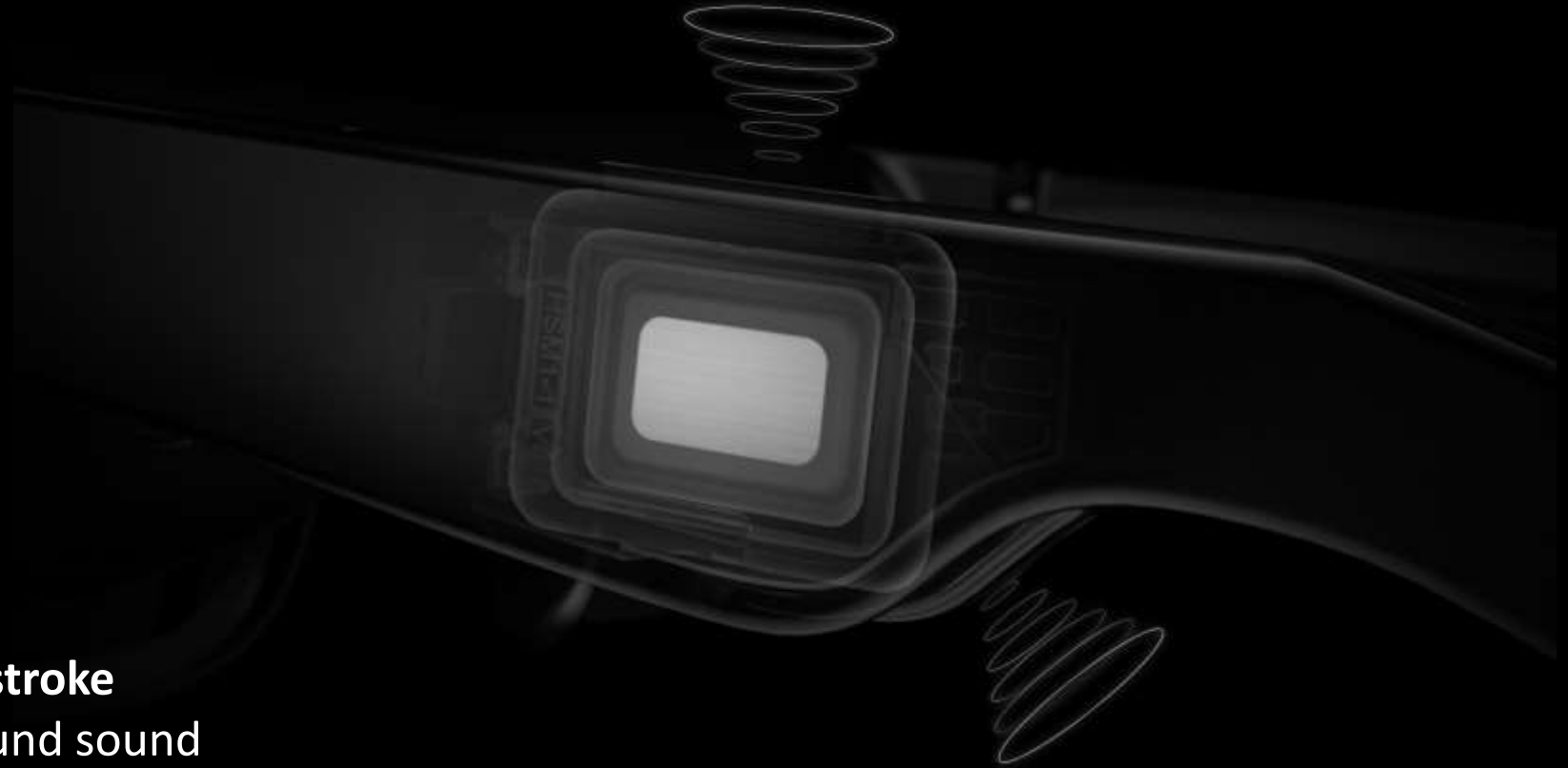


TCL NXTWEAR S | Audio

New sound experience

The audio system has been fully upgraded that enhances treble and bass lines.

TCL NXTWEAR S | Audio

**Super linear unit: 0.5mm stroke**

Delivers refined bass surround sound
for deeper immersion.



Unique “Whisper Mode”

Dramatically prevents sound leakage with outstanding acoustic phase cancellation techniques. Guards your privacy while using outdoors, avoiding disturbances for people around you.

TCL NXTWEAR S | Ergonomics Design

**Well-calibrated speaker setup**

Designed for optimum, stereo listening experience regarding the ears. Accurate positioning of imbedded speakers on the temples of the glasses will deliver more immersive audios.

TCL NXTWEAR S | Ergonomic Design



Comet Tail Design

Smoother curves provide comfort for both your ears and head.



Knobs for brightness and volume

Designed easy to touch. Instant response while pressing the knob.

TCL NXTWEAR S | Ergonomic Design

Magnetic pogo-pin connector

A magnetic cable swiftly attaches to a right temple tip.



TCL NXTWEAR S | Correction Lens Solution

Correction lens frame

With magnetic design, it is easy to attach the lens for wider range of myopia/hyperopia degree, even astigmatism. *



* NXTWEAR S features a magnetic frame. Users need to get their own optician-prescribed lenses with the frame.

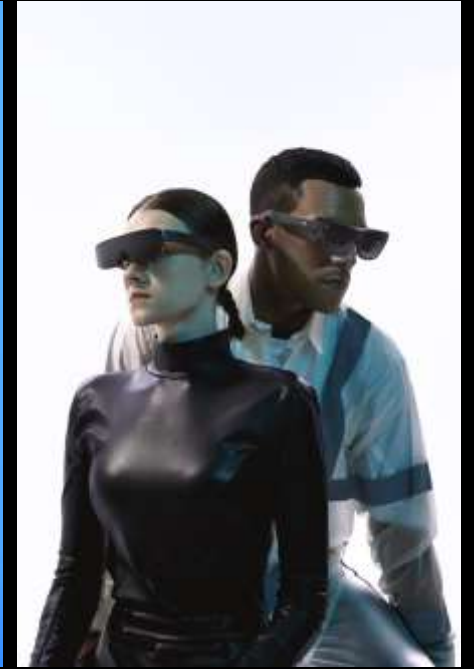
TCL NXTWEAR S | Appearance

3 Stylish designs

Magnetic lens covers are easy to attach and detach.

For any light surroundings

Different shading and shapes give needed comfort whether it's day or night without compromising the user experience.



* Only one standard cover lens is provided in the box. The other two with different shading and shapes need to be purchased separately.

TCL NXTWEAR S | User Scenarios



Immersive watching experience

Enjoy cinema-like audiovisual experience at home, in the office, on your way, or wherever you go.



Massive screen for multi-player games

Interact with game consoles like Steam Deck, Switch, and PlayStation, directly or via an HDMI adaptor.



Plug & play, mobile office anytime, anywhere

Simply connect to your laptop for efficient mobile office experiences. Only you can see what you type with the private screen setup.

TCL NXTWEAR S | User Scenarios



FPV friendly

First-person-view immersive drone flying experience



Smart drive-in cinema

Direct plug in to vehicles featuring Type-C DisplayPort to get on board a cinematic journey

* Only drones that support DP on the remote control can be connected to the glasses, such as drones that are compatible with the DJI Marvic Pro remote control

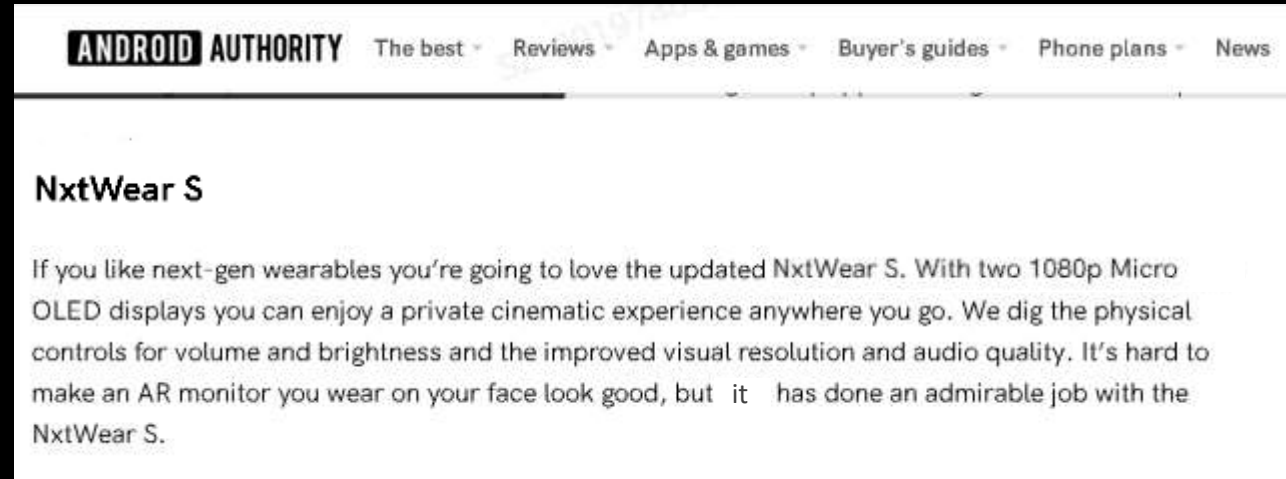
TCL NXTWEAR S | Adaptor



Magnetic detachable adaptor

- Plug & play
- Connects to Android and iOS devices for screen casting
- Designed for non-DP-enabled devices

TCL NXTWEAR S | Awards



TCL NXTWEAR S has received renowned technology media Android Authority's "Best of IFA 2022" award at IFA (2022), the world-leading consumer electronics and home appliances trade show, together with awards and recognitions from more top-tier global news outlets.

TCL NXTWEAR S | Specifications

Design	Dimensions	175mm*166mm*51mm (Unfolded) 56mm*154mm*51mm (Folded)	Sensors	Accelerometer
	Weight	89g (with exchangeable lens cover)		Gyroscope
				Pressure Sensor
Display	Type	Micro-OLED Display	Connectivity	Magnetic USB Type-C
	Aspect Ratio	16 : 9		
	FOV	45°		
	Refresh Rate	60Hz	Operation	3 DOF
	PPD	49		
	Image Size	130-inch @ 4m		
	Screen Contrast Ratio	100000:1	Accessory	Magnetic myopia/hyperopia glasses frame
	Resolution	1920 x 1080 @ 2D, 3840 x 1080 @ 3D		Glasses cleaning cloth
	Display optic	Birdbath		
Audio	Audio	Dual Speakers	Battery	No built-in battery
	Headset	headset compatible(Bluetooth headset connecting to your phone is supported)		

* Note: Dimensions are length x width x height, the measurement methods may lead to deviation in the process of production, product-specific parameters subject to mass production.

TCL NXTWEAR S| Upgrade Comparison

Specs	NXTWEAR S	NXTWEAR Air
Display	More natural color tonality, the transition of light spectrum is more delicate, and image details are more refined.	Color calibration is more restricted. Room for improvement is limited
Switch between 2D/3D mode	Long press (2 seconds) the knob on the right temple of the glasses . *It also applicable while using a 3D mode and non-app interface.	It's required to use a TCL AR App.
Audio	An upgraded speaker with a larger size module. Lower power consumption, advanced low frequency bass, and lower distortion to achieve better sound effect. The audio cavity is designed to reduce sound leakage.	Ordinary stereo speakers.
Adjustment of Brightness	Toggle the knob on the right temple of the glasses to adjust the brightness. * It is possible to use adapter and knob controls at once while connecting to iOS or other devices.	1) Connected to DP-enabled smartphone: to use a TCL AR App; 2) Connected to PS5/Mac PC: partial applications adjust the brightness 3) Connected to Windows PC: no brightness adjustment
Adjustment of Volume	Toggle the knob on the left temple of the glasses to adjust the volume. * It is possible to use adapter and knob controls at once while connecting to iOS or other devices.	1) Connected to DP-enabled mobile phone: to use smartphone's volume button or TCL AR App; 2) Connected to PS5/Mac PC: partial applications adjust the volume 3) Connected to Windows PC: volume adjustment with PC audio settings
Connection of Cable	Magnetic cable is attachable and easy to use.	Cable is non-detachable.
Heat dissipation	The glasses feature an additional graphene heat sink to mitigate the temperature.	Dissipation by front lens board.

TCL NXTWEAR S | Compatibility- Mobile Phone

Huawei +Honor	Samsung	OPPO+OnePlus	Sony	Sharp	ASUS	LG	HTC	Others
Mate 10	Galaxy S8	OPPO R17 Pro	Sony Xperia 1	Aquos R5G	ZenFone 3 Ultra	V20	HTC 10	Microsoft Lumia 950
Mate 10 Pro	Galaxy S8+	OPPO Reno 10x Zoom	Sony Xperia 1 II	Aquos zero5G basic	ZenFone AR	V30	U Ultra	Microsoft Lumia 950 XL
Mate 20	Galaxy S9	OPPO Reno 5G	Sony Xperia 5	Aquos R6	ROG Phone	V30+	U11	HP Elite x3
Mate 20 X	Galaxy S9+	OPPO Find X3	Sony Xperia 5 II		ROG Phone II	V35	U11+	Acer Liquid Jade Primo
Mate 20 Pro	Galaxy S10e	OPPO Find X3 Pro	Sony Xperia 5 III		ROG Phone 3	V35+	U12+	BQ Aquaris X2
Mate 30	Galaxy S10	OnePlus 7	Sony Xperia 10 III		ROG Phone 5	V40	U19e	Essential Phone
Mate 30 Pro	Galaxy S10+	OnePlus 7 Pro	Sony Xperia Pro		ROG Phone 5s	V50	U20 5G	Smartisan R1
Mate 30 5G	Galaxy S20	OnePlus 8	Sony Xperia PRO-I			V60	Exodus 1	Razer Phone
Mate 30 Pro 5G	Galaxy S20+	OnePlus 8 Pro				G5		Razer Phone 2
Mate 40	Galaxy S20 Ultra	OnePlus 9				G6		Xiaomi Black Shark 2
Mate 40 Pro	Galaxy S21	OnePlus 9R				G6+		Motorola Edge S
Mate X	Galaxy S21+	OnePlus 9 Pro				G7		Motorola Edge+
Mate Xs	Galaxy S21 Ultra					G7+		Motorola Edge 20 PRO
Mate X2	Galaxy S22					G8		Lenovo Legion Duel 2
P20	Galaxy S22+					Q8		
P20 Pro	Galaxy S22 Ultra							
P30	Galaxy Note 8							
P30 Pro	Galaxy Note 9							
P40	Galaxy Note 10							
P40 Pro	Galaxy Note 10+							
P50	Galaxy Note 20							
P50 Pro	Galaxy Note 20 Ultra							
P50 Pocket	Galaxy A90 5G							
Honor Magic3	Galaxy Fold							
Honor Magic3 Pro	Galaxy Z Fold 2							
Honor Magic V	Galaxy Z Fold 3							

* The devices listed above, which support DisplayPort connectivity, are officially claimed by its own brand. However, TCL hasn't tested all the devices one by one. If incompatibility occurs, please inform our customer service.

TCL NXTWEAR S | Compatibility- Tablet

Apple	HP	Dell	Acer	Samsung	Others
iPad Pro 3	SPECTRE X360	XPS 13 2-in-1 (9365)	Nitro 5 Spin	Galaxy TabPro S	Huawei MateBook Surface Pro 8
iPad Pro 4	ENVY X360	XPS 15 2-in-1 (9575)	Spin 5	Galaxy Tab S4	Lenovo Yoga 900 Surface Pro X
iPad Pro 5	PAVILION X360	Inspiron 13 2-in-1	Switch 5	Galaxy Tab S5e	Cube i7 Book Surface Pro 7+
iPad Mini 6	CHROMEBOOK X360	New Inspiron 14 2-in-1	Chromebook R13	Galaxy Tab S6	Medion Akoya s4403 Surface Go 3
iPad Air 4	Elite Folio 13.5 inch 2-in-1 Notebook PC	Inspiron 15 2-in-1	Chromebook Tab 10	Galaxy Tab S7	Microsoft Surface Book 2
iPad Air 5		Inspiron 17 2-in-1		Galaxy Tab S7+	Microsoft Surface Go Google Pixelbook Google Pixel Slate Surface Pro 8 Surface Pro X Surface Pro 7+ Surface Go 3

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TCL NXTWEAR S | Compatibility- Laptop

Apple	Lenovo	Dell	HP	Others	vivo
MacBook Pro Late 2016 and newer	ThinkPad E580	Latitude 7373	HP SPECTRE 13	Google Chromebook Pixel(2015)	vivo Pad
MacBook Air Late 2018 and newer	ThinkPad T470	Latitude 5490,5400(2019)	HP OMEN 15/16/17	Razer Blade Stealth Series(All)	
MacBook Early 2015 and newer	ThinkPad T470s	Inspiron 5570	HP ENVY 13/14/15/17	MSI GS60 6QE	
	ThinkPad T480	New Inspiron 14	HP PAVILION 13/14/15	Xiaomi Mi Notebook Air 12,5" / 13,3"	
	ThinkPad T480s	New Inspiron 15	HP CHROMEBOOK	Xiaomi Mi Notebook Pro 15,6	
	ThinkPad A485,A285	Inspiron 16 Plus	HP ProBook	Asus Zenbook 3	
	ThinkPad E485, E585	XPS 12(9250)	HP EliteBook	Acer Swift 5	
	ThinkPad X270	XPS 13, 13-New	HP Victus	Acer TravelMate P2	
	ThinkPad X1 Series	XPS 15, 15-New		Gigabyte Aero 15x, x9, y9	
	ThinkPad T14	XPS 17, 17-New			
	ThinkPad T14 Gen 2	G15 Gaming Laptop			
	ThinkPad T15				
	ThinkPad T15 Gen 2				
	ThinkPad X Series X13				
	ThinkPad E14 Gen 2				
	ThinkPad E15 Gen 2				
	Lenovo Legion Series				
	Lenovo Yoga 14s/15s				

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THANK YOU!

