



INTERACTIVE FLAT PANEL
Avtek TS 9 Mate G



Inspire | Engage | Lead

SIZE (DIAGONAL)	65"		75"		86"	
DISPLAY						
	Screen resolution	4K/UHD (3840×2160)				
	Display area	1428 × 804 mm	1650 × 928 mm		1895 × 1066 mm	
	Pixel pitch	0.372 × 0.372 mm	0.430 × 0.430 mm		0.494 × 0.494 mm	
	Panel type	VA				
	Backlight type	Direct LED				
	Response time	6.5 ms				
	Refresh rate	60 Hz				
	Aspect ratio	16:09				
	Display colors	1.07 billion (10bit)				
	NTSC	72%				
	sRGB	100%				
	Brightness	500 cd/m2				
	Adaptive brightness	Yes				
	Viewing angles	178°				
	Contrast ratio	5000:1				
	Static contrast	5000:1				
	Panel life	≥ 50,000 hours				
	Front glass thickness	3 mm				
	Hardness	> 9H, 7 Mohs				
	Bonding technology	Zero bonding GEN 2				
	Safety glass (tempered)	Yes				
	Anti-glare coating	Yes, chemical coating				
	Blue light filter	Yes, software solution				
	Antibacterial coating	Yes				
TOUCH SPECIFICATION						
	Technology	Infrared (IR)				
	Touch tool	Finger or any other object				
	Min. object size	3 mm				
	Touch points	50				
	Touch resolution	32768 × 32768 pts				
	Response time	< 10 ms				
	Precision	±1 mm				
	Detection height	< 2 mm				
	Supported OS	Windows (11/10/8/7/XP), Android, Linux, Mac OS X, Chrome				
	Dual-color writing	Yes				
INPUTS/OUTPUTS						
	HDMI inputs (Side)	2				
	HDMI 1	HDMI 2.0, ARC/CEC, HDCP 1.2/2.2				
	HDMI 2	HDMI 2.0, CEC, HDCP 1.2/2.2				
	HDMI outputs	1				
	HDMI OUT	HDMI 2.0, HDCP 1.2/2.2				
	HDMI inputs (Front)	1				
	HDMI 3	HDMI 2.0, CEC, HDCP 1.2/2.2				
	Audio 3.5 mm ports	1 × Input / 1 × Output				
	USB ports (Side)	1 × USB-A 3.0 / 1 × USB-A 2.0				
	USB ports (Front)	2 × USB-A 3.0 / 1 × USB-C 3.1 Gen1 (Data only)				

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USB shared with OPS and Touch	Yes		
USB-B Touch ports	1 x USB-B 2.0 (Front) / 1 x USB-B 2.0 (Side)		
SPDIF port	1		
RS232 control port	1		
RJ45 port	1		
TCP/IP command support	Yes		
Ethernet bandwidth	10/100/1000 Mbps		
Optional OPS computer slot	Yes		
NFC	No		
Built-in microphone	No		
Built-in speakers	2 x 25 W, 90 dB SPL		
ANDROID MODULE SPECS			
OS Version	16		
System resolution	4K/UHD (3840x2160)		
CPU	Rockchip 3576		
Lithography	8 nm		
Cores	A72 x 4 + A53 x 4		
Clock speed	4 x 2.2 GHz + 4 x 2 GHz		
Cache	1.5 MB		
GPU	ARM Mali G52 MC3		
Supported APIs	OpenGL ES 1.1, 2.0 and 3.2, OpenCL 2.1, Vulkan 1.2		
NPU	Yes		
Computing power	6 TOPS		
RAM	8 GB		
RAM Type	LPDDR5		
Flash Memory	64 GB		
Memory Type	eMMC 5.1		
AnTuTu Score	> 435,000		
Avg. Boot Time	< 35 sec		
WiFi	Built-in, 802.11 a/b/g/n/ac/ax (2.4 GHz/5 GHz, range 0-10 m) WiFi6		
Bluetooth	Built-in, 5.4 (2.4 GHz, range 0-10m)		
SOFTWARE INFORMATION			
Google EDLA	Yes		
Google Play	Yes		
OSD / Android Menu Languages	Polish, German, Slovak, Czech, Ukrainian, Lithuanian, Latvian, Hungarian, Croatian, Serbian, Bulgarian, Italian, French, English, Spanish, Maltese		
Whiteboard/Note App	Yes		
Annotation on any source	Yes		
Custom logo upload	Yes		
Source renaming	Yes		
Built-in voting tools	Yes		
Windows software compatible with Note app	Yes, Note software		

SIZE (DIAGONAL)	65"		75"		86"	
USAGE DATA						
Buttons on housing		1 physical button on front				
Input/Output location		right side, front				
Dimensions		1491 × 898.5 × 99.1 mm	1712 × 1022 × 99.6 mm		1957 × 1160 × 98.6 mm	
Package Dimensions		1620 × 1011 × 179 mm	1853 × 1150 × 179 mm		2100 × 1286 × 176 mm	
Net Weight		28.51 kg	40.30 kg		50.42 kg	
Gross Weight		38.20 kg	53.90 kg		66.30 kg	
VESA Mount		600 × 400	800 × 400			
Wall mount included		Yes, VESA up to 600 mm	Yes, VESA up to 800 mm			
Depth with mount		127 mm			126 mm	
Mounting screws		4 × M8x25mm				
Operation time		24/7				
Power requirement		100 - 240 V AC / 50 or 60 Hz / 3.0 A	100 - 240 V AC / 50 or 60 Hz / 3.5 A			
Power consumption		≤ 0.5 W (Standby) / 127 W (Nominal) / 295 W (Max)	≤ 0.5 W (Standby) / 152 W (Nominal) / 325 W (Max)		≤ 0.5 W (Standby) / 167 W (Nominal) / 325 W (Max)	
ENVIRONMENTAL CONDITIONS						
Operating temperature		0°C to 40°C				
Operating humidity		10% to 90%				
Storage temperature		-20°C to 60°C				
Storage humidity		10% to 90%				
Operating altitude		max. 5000 m a.s.l.				
OTHER INFORMATION						
Diagnostic tools		Yes				
Warranty		5 years (2 years one-to-one)				
Included accessories		Power cable (3 m), USB cable (3 m), HDMI cable (3 m), Stylus pens with antibacterial coating (2 pcs), Remote control, Quick start guide, Wall mount				
Certificates related to the product or its production		CE (LVD, ERP, EMC, RED, WEEE, RoHS), REACH, ISO 9001, ISO 50001, ISO 45001, IATF 16949, IECQ QC 080000:2017				
Included USB cable version		2.0				
Included HDMI cable version		2.0				

For more information on Avtek interactive monitors and software, visit the Avtek Information Center at <https://avtek.pl/download>.





