

SPECIFICATIONS

			
Model Name	G-Touch® 4K Emerald	G-Touch® 4K Emerald	G-Touch® 4K Emerald
Product Code	TOU910020	TOU910030	TOU910040
Active Screen Size (inch)	65"	75"	86"
Display Backlight	LED	LED	LED
Display Area (Horizontal x Vertical)	1428.48 x 803.52mm	1650.24 x 928.26mm	1895.04 x 1065.96mm
Display Ratio	16:9	16:9	16:9
Resolution	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)	3840 x 2160 Pixel (4K)
Display Colors	AUO: 8bit+FRC (1.07 billion color) CSOT: 10bit+FRC (1.07 billion color)	AUO: 8bit+FRC (1.07 billion color) CSOT: 10bit+FRC (1.07 billion color)	10bit+FRC (1.07 billion color)
LCD Brightness (Typical, after cover class)	400cd/m2	400cd/m2	400cd/m2
Contrast Ratio (Typical)	4000:1	4000:1	1200:1
Response Time (Typical, G to G)	8ms	8ms	8ms
Viewing Angle	178°	178°	178°
Life time (working hours/day)	minimum 30,000 hours	minimum 30,000 hours	minimum 30,000 hours
Power Consumption (w/o OPS)	Maximum <220W Standby Mode ≤0.5W	Maximum <340W Standby Mode ≤0.5W	Maximum <520W Standby Mode ≤0.5W
Working Voltage	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz	AC 100-240V, 50/60Hz
Display Orientation	Landscape	Landscape	Landscape
Touch Surface Material	Tempered glass	Tempered glass	Tempered glass
Touch Surface Technology	AG (G2+AF)	AG (G2+AF)	AG (G2+AF)
Transparency	>88%	>88%	>88%
Cover Glass Thickness	3.2mm	3.2mm	3.2mm
Touch Surface Hardness	>H7	>H7	>H7
Touch Surface Hardness (Mohs)	7	7	7
Touch Sensor	Infrared Touch	Infrared Touch	Infrared Touch
Touch Points	20 Points under Windows 10 Points under Android	20 Points under Windows 10 Points under Android	20 Points under Windows 10 Points under Android
Touch Screen Writing Tools	3mm Pen tip as windows digitizer; 8mm pen or finger as windows touch	3mm Pen tip as windows digitizer; 8mm pen or finger as windows touch	3mm Pen tip as windows digitizer; 8mm pen or finger as windows touch
Touch Response time (Single point)	≤10ms	≤10ms	≤10ms
Cursor Speed	100Point/s	100Point/s	100Point/s
Positioning Accuracy	±1mm within 90% working area	±1mm within 90% working area	±1mm within 90% working area
Communication Interface	USB or Dual USB	USB or Dual USB	USB or Dual USB

Model Name	G-Touch® 4K Emerald	G-Touch® 4K Emerald	G-Touch® 4K Emerald
Speaker Position	Forward	Forward	Forward
Speaker Rated Impedance	6Ω	6Ω	6Ω
Speaker Frequency Response	200Hz-20kHz	200Hz-20kHz	200Hz-20kHz
Speaker Maximum Power Output	20W x2	20W x2	20W x2
Transmission Range	5M	5M	5M
Working Temperature/Humidity	0°-40°C/20% ~ 80%	0°-40°C/20% ~ 80%	0°-40°C/20% ~ 80%
Installation Method (optional)	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand	Wall-mounted / Floor Stand
Outline Dimension (without wall mount bracket thickness)	1505x917x94mm	1727x1041x91mm	1973x1182x91mm
Packing Dimension	1640x1036x221 mm	1859x1167x247mm	2119x1309x275mm
Net Weight	45kg	56kg	66kg
Gross Weight	65kg	77kg	81kg
VESA Mount installation position	600x400mm	800x400mm	800x400mm
CPU	ARM Cortex A73 x2 + A53 x2	ARM Cortex A73 x2 + A53 x2	ARM Cortex A73 x2 + A53 x2
RAM	3G	3G	3G
ROM	32G	32G	16G or (16G+32G) optional
External Memory	32G Optional	32G Optional	32G Optional
Android Version	8	8	8
Intelligent thermal protector	Automatic Hibernate when over heated	Automatic Hibernate when over heated	Automatic Hibernate when over heated
OPS PC	Available	Available	Available
Warranty	5 Year Warranty subject to registration within 28 days, terms and conditions apply.		

PORTS			
Front Interface Inputs	Type C (4K@60Hz) x1, HDMI 2.0 (4K@60Hz) x1, USB (Touch, Type B) x1, USB3.0 (Public, Type A) x1, MIC x1	Type C (4K@60Hz) x1, HDMI 2.0 (4K@60Hz) x1, USB (Touch, Type B) x1, USB3.0 (Public, Type A) x1, MIC x1	Type C (4K@60Hz) x1, HDMI 2.0 (4K@60Hz) x1, USB (Touch, Type B) x1, USB3.0 (Public, Type A) x1, MIC x1
AV Inputs	HDMI 2.0 (4K@60Hz) x2, DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1, VGA Audio x1	HDMI 2.0 (4K@60Hz) x2, DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1, VGA Audio x1	HDMI 2.0 (4K@60Hz) x2, DP1.2 (4K@60Hz) x1, VGA (1920x1080@60Hz) x1, VGA Audio x1
AV Outputs	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1	HDMI Out (Support 4k@60Hz, 1920x1080@60Hz) x1, Earphone x1, SPDIF x1
Other	USB3.0 (Public, Type A) x1, USB2.0 (Type A) x1, RS232 x1, USB3.0 (Touch, Type B) x1, Lan In x1, Lan Out x1, OPS Slots(4K@60Hz) x1	USB3.0 (Public, Type A) x1, USB2.0 (Type A) x1, RS232 x1, USB3.0 (Touch, Type B) x1, Lan In x1, Lan Out x1, OPS Slots(4K@60Hz) x1	USB3.0 (Public, Type A) x1, USB2.0 (Type A) x1, RS232 x1, USB3.0 (Touch, Type B) x1, Lan In x1, Lan Out x1, OPS Slots(4K@60Hz) x1
Multimedia File Formats Support	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, FLV (Support 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, FLV (Support 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)	Image: JPEG, BMP, PNG Video: MPEG1, MPEG2, MPEG4, H.264, H.265, MOV, FLV (Support 1080P, 4K HD Decoding) Audio: MP3, M4A, (AAC)