

E-Paper Display Datasheet

Category	Parameter	10.1"	13.3"	25.3"	28.5"	31.5"
Display	Screen Size	10.1"	13.3"	25.3"	28.5"	31.5"
	Native Resolution	1600 × 1200	1600 × 1200	3200 × 1800	2160 × 3060	2560 × 1440
	Panel Technology	E Ink Spectra 6	E Ink Spectra 6	E Ink Spectra 6	E Ink Spectra 6	E Ink Spectra 6
	Aspect Ratio	4:03	4:3	16:9	3:4	16:9
	Active Area (W × H)	203.2 × 152.4 mm	270.4 × 202.8 mm	560.0 × 315.0 mm	579.6 × 434.7 mm	696.0 × 391.0 mm
	Color Gamut / Display	Black/White/Red/Yellow/Blue/Green 6-Color	Full Color Display	Full Color Display	Full Color Display	Full Color Display
	Pixel Density	200 PPI	150 PPI	145 PPI	133 PPI	93 PPI
	Display Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
Software System	Operating System	Embedded Proprietary OS	Android 11	Android 11	Android 11	Android 11
	Content Management	Mobile APP / Cloud Remote Push	Built-in CMS Management System	Built-in CMS Management System	Built-in CMS Management System	Built-in CMS Management System
	OSD Language	Multi-language (Chinese, English, etc.)	Multi-language (Chinese, English, etc.)	Multi-language (Chinese, English, etc.)	Multi-language (Chinese, English, etc.)	Multi-language (Chinese, English, etc.)
Hardware Specs	CPU Processor	BL602	Quad-Core (ARM Cortex-A55)	Quad-Core (ARM Cortex-A55)	Quad-Core (ARM Cortex-A55)	Quad-Core (ARM Cortex-A55)
	RAM Memory	276 KB	4 GB	2 GB	2 GB	2 GB
	Internal Storage	128KB SRAM / 4MB Flash	16GB eMMC (Optional 32/64/128GB)	16GB eMMC (Optional 32/64/128GB)	16GB eMMC (Optional 32/64/128GB)	16GB eMMC (Optional 32/64/128GB)
	Wireless Connectivity	Wi-Fi 2.4G, Bluetooth 5.0	Wi-Fi 2.4G/5G, Bluetooth 5.0	Wi-Fi 2.4G/5G, Bluetooth 5.0	Wi-Fi 2.4G/5G, Bluetooth 5.0	Wi-Fi 2.4G/5G, Bluetooth 5.0
	Interfaces	USB-C (Charging)	USB-C (Support OTG)	USB-C / Power Port	USB-C / Power Port	USB-C / Power Port
Power & Consumption	Battery Capacity	2500 mAh (3.7 V)	5000 mAh (12 V)	5000 mAh (12 V, Expandable Battery Pack)	5000 mAh (12 V, Expandable Battery Pack)	5000 mAh (12 V, Expandable Battery Pack)
	Power Input	DC 5V / 1~2A	DC 5V / 3A	DC 5V / 3A	DC 5V / 3A	DC 5V / 3A
	Power Mode	Internal Battery Powered	Battery / External Power	Battery / External Power	Battery / External Power	Battery / External Power
	Battery Life	Approx. 6 Months (2 Refreshes/Day)	Continuous 30 Hours	Continuous 15 Hours	Continuous 15 Hours	Ultra-long Standby
Mechanical Specs	Dimensions (W × H × D)	233.30 × 182.50 × 21.70 mm	298.40 × 230.80 × 10.80 mm	591.04 × 346.04 × 13.90 mm	638.17 × 464.00 × 21.70 mm	730.80 × 430.80 × 30.00 mm
	Net Weight	≤ 1.0 kg	≤ 1.0 kg	≤ 4.0 kg	≤ 5.3 kg	≤ 6.0 kg
	Enclosure / Protection	Refined Bezel Frame	Full Metal Enclosure, IP54 Rating	Full Metal Enclosure, IP54 Rating	Full Metal Enclosure, IP54 Rating	Full Metal Enclosure, IP54 Rating
	Mounting Method	Desktop Stand / Wall Mount	Desktop Stand / M4 Wall Mount	Desktop Stand / M4 Wall Mount	Desktop Stand / M4 Wall Mount	Desktop Stand / M4 Wall Mount
Environment & Certs	Operating Temperature	0 °C – 50 °C	0 °C – 50 °C	0 °C – 50 °C	0 °C – 50 °C	0 °C – 50 °C
	Storage Temperature	-25 °C – 60 °C	-25 °C – 60 °C	-25 °C – 60 °C	-25 °C – 60 °C	-25 °C – 60 °C
	Certifications	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS	CE, FCC, RoHS
Accessories	Standard Accessories	Main Unit × 1, User Manual × 1, Power Cable/Adapter × 1, Stand × 1 (Optional)	Main Unit × 1, User Manual × 1, Power Cable/Adapter × 1, Stand × 1 (Optional)	Main Unit × 1, User Manual × 1, Power Cable/Adapter × 1, Stand × 1 (Optional)	Main Unit × 1, User Manual × 1, Power Cable/Adapter × 1, Stand × 1 (Optional)	Main Unit × 1, User Manual × 1, Power Cable/Adapter × 1, Stand × 1 (Optional)