



Luminen 5 / 8 / 10 Pro / 15 Pro

Three-in-One Luxury Smart Control

Touch Screen | Gateway | Server

Introducing Luminen, an elegantly designed smart control with meticulously crafted premium materials to match your decor and enhance your lifestyle experience.

Three-in-one

The robust smart control integrates a touch screen, gateway and server, minimizing space while improving efficiency.

QDK

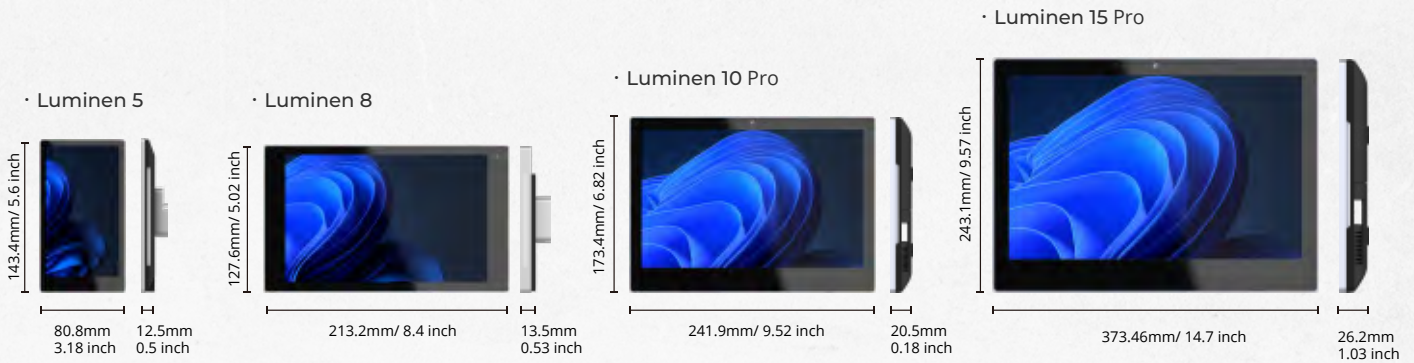
Quick Development Kit supports faster app development.

Fortify+

Enhanced security and privacy.

Luminen 5 / 8 / 10 Pro / 15 Pro

Three-in-One Luxury Smart Control



	Luminen 5	Luminen 8	Luminen 10 Pro	Luminen 15 Pro
Features	OS	Android 13 / Yocto (embedded Linux)	Android 13 / Yocto (embedded Linux)	Android 13 / Yocto (embedded Linux)
	Touch	Yes, Multi touch	Yes, Multi touch	Yes, Multi touch
	NFC	N/A	NFC (13.56MHz)	NFC (13.56MHz)
	Memory	4GB LPDDR4	4GB LPDDR4	4GB LPDDR4
	Storage	32GB eMMC	32GB eMMC	32GB eMMC
	Video decoder	H.264 / H.265,VC-1, MPEG-4, VP9/VP8	H.264 / H.265,VC-1, MPEG-4, VP9/VP8	H.264 / H.265,VC-1, MPEG-4, VP9/VP8
	Image codecs	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG
	Audio codecs	MPEG/OGG/AAC	MPEG/OGG/AAC	MPEG/OGG/AAC
	CPU	ARM Quad-core Cortex-A53 4x 1.8 GHz	ARM Quad-core Cortex-A53 4x 1.8 GHz	MediaTek ARM Hexa-core Cortex-A55 4x 2.0 GHz + A78 2x 2.0 GHz
	NPU	Neural Processing Unit (NPU) 2.3TOPS	Neural Processing Unit(NPU) 2.3TOPS	Neural Processing Unit(NPU)2.3TOPS
	PoE	PoE, 802.3af compliant	PoE, 802.3af compliant	PoE, 802.3at compliant
	Beacon (BLE)	Yes	Yes	Yes
	Microphone	Dual microphones	Dual microphones	Dual microphones
	Sensor	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor
Display	Size	5.5" (IPS)	8" (IPS)	10.1" (IPS)
	Resolution	720*1280 (portrait mode)	1280*800	1920*1200
	Brightness	300 cd/m ²	300 cd/m ²	350 cd/m ²
I/O Interface	Ethernet	1x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	1x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	1x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)
	WLAN	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax
	BT	BT 5.0	BT 5.0	BT 5.2
	USB	1x USB Micro AB, USB OTG	1x USB Micro AB, USB OTG	1x USB 3.0 A, 1x USB Type-C
	Speaker	1Wx1	1Wx2	1Wx2
	Camera	N/A	1x 5MP Fixed focus	1x 13MP Fixed focus
Control Interface	Serial port	RS485	RS485	N/A
Mechanical & Environment	Dimension (WxHxD) (Full depth)	80.8 x 143.4 x 12.5(24.8) mm 3.18 x 5.65 x 0.5(1.05) inch	213.2 x 127.6 x 13.5(27.5) mm 8.4 x 5.02 x 0.53(1.08) inch	241.9 x 173.4 x 20.8 mm 9.52 x 6.82 x 0.81 inch
	Mounting	One-gang mount	One-gang mount, Tabletop	One-gang, Tabletop, Surface & glass mount
	Housing	Plastic & Aluminum Alloy	Plastic & Aluminum Alloy	Plastic & Aluminum Alloy
	Environment	Operation temp: 0°C~ 40°C (-4 °F -104 °F) Storage Temp: -20°C~60°C (-4 °F -140 °F) Operation humidity: 5%~ 85% Storage humidity: 5%~ 90%	Operation temp: 0°C~ 40°C (-4 °F -104 °F) Storage Temp: -20°C~60°C (-4 °F -140 °F) Operation humidity: 5%~ 85% Storage humidity: 5%~ 90%	Operation temp: 0°C~ 40°C (-4 °F -104 °F) Storage Temp: -20°C~60°C (-4 °F -140 °F) Operation humidity: 5%~ 85% Storage humidity: 5%~ 90%