



IloT Gateway EPG-AI SPECIFICATIONS:

Hardware	CPU	Octa-Core 64-bit Arm Processor	
	NPU	6 Tops INT8	
	Storage	64GB eMMC (SSD Upgradable), MicroSD Card Slot	
	RAM	8GB dual-channel LPDDR5X memory, Up to 4800Mbps	
	RTC	Real Time Clock	
	Wireless	LTE Cat4 (Optional), WiFi & Bluetooth (Optional), LorRaWAN (Optional)	
	LAN	2 x Gigabit Ethernet	
	USB	1 x USB 2.0 HOST interface, 1 x USB 3.0 OTG interface	
	OS	Ubuntu24.04	
	RS485	2 x RS485 (Isolated)	
	Display	2 x HDMI2.1 Port, MAX output 8Kp60	
	Audio	3.5mm Earphones, Support Mic input	
	Electrical Parameters	Rated Voltage	DC 9-30 V
		Rated Power	5W
Power Protection		Anti-Static, Anti-Surge, Anti-Reverse	
Environmental Parameters	Operating Temperature	-20 ~80 °C	
	Storage Temperature	-20 ~85 °C	
	Environment Humidity	10-90%RH (Non-Condensing)	
	Cooling Method	Zinc Alloy Heat Sink / Dissipation Silicone	
Mechanical Parameters	Size	140mm×93mm×35mm	
	Weight	495g	
	Installation	35mm DIN-rail / Bracket mounting	
Software Parameters	AI Support	LLM, Edge AI, Object Detection	
	Ops	Support remote configuration/Upgrade/Management	
	VPN	Support intranet penetration, PLC remote upload and download	
	Edge Computing	Support Drag & Drop, Zero-Code and JavaScript development	
	Data Storage	Support TSDB (Time Series Databases)	
	Industrial Agreement	Support multiple industrial protocols	
	Network Protocol	MQTT / HTTP / TCP/ UDP / WEBSOCKET	



CONTACT US
www.epithos.com

