

Product Specification Sheet for Custom Development Cooperation	
Parameter Item	Specification Parameters
Product Model	Custom
PCB Version	70mm * 50mm * 8mm
Processor or Platform	Onboard Intel® Core™ i5-1030NG7 (i5-1035G1) Processor, Quad-core/8-thread, Base Frequency 1.10 GHz, Max Turbo Frequency 3.50 GHz, 6MB Smart Cache, TDP 10W
Power Supply	12V Type-C
Display	Type-C (supports USB + DP display)
Storage	1× M.2 (2280) SSD interface, adaptive (SATA3.0 protocol or NVMe PCIe 3.0 x1)
Memory	Onboard LPDDR4 4G / 8G / 16G
Network Card	WiFi6 + BT5.2
Board Edge Interfaces	1× Type-C (power supply)
	1× Type-C (supports USB + DP display)
Onboard Expansion (same layout)	TPM2.0, optional
	1× M.2 KEY-M 2280, adaptive (SATA3.0 protocol)
	1× CPU fan interface
	AT/ATX power selectable via jumper, 1×2Pin, pitch 2.0mm
	1× CMOS header, 1×2Pin, pitch 2.0mm
	1× F_PANEL header, 2×5Pin, pitch 2.0mm
	Battery management interface
	0 - 255 seconds, watchdog example program provided
Working Environment	Operating temperature: 0~60° C, Storage temperature: -40~85° C, non-condensing
OS Support	Windows 10 / 11 Linux
Other Requirements	/