

# Switches

## 4+1-Port Full Gigabit Ethernet Unmanaged Commercial PoE Switch

SPB-5050-05GN-SA



### Overview

The YUNCORE®SPB-5050-05GN-SA is a 5-port Gigabit Ethernet PoE switch, provide 4GE PoE ports and 1GE RJ45 uplink port. It comes with a built-in safety-certified power supply, complies with IEEE 802.3af/at standards, automatically identifies powered devices, and ensures safe power delivery.

## Features

- Complies with IEEE 802.3af/at standards, automatically identifies powered devices (PDs), and delivers safe power supply
- Provides 4×10/100/1000Mbps PoE ports+1×10/100/1000Mbps RJ45 uplink port
- Total power: 65W; maximum output power per port: 30W
- Supports VLAN configuration, QoS, IGMP function
- Supports 250-meter network cable extension
- Supports 4KV surge protection
- Supports port short-circuit protection and overload protection
- Supports PoE port priority management
- Full metal casing with efficient heat dissipation
- Plug and play, zero configuration

## Specification

PoE Standard	IEEE 802.3 10BASE-T Ethernet; IEEE 802.3u 100BASE-TX Fast Ethernet; IEEE802.3ab 1000BASE-T Gigabit Ethernet; IEEE 802.3az (Half-Duplex, Full-Duplex);
Fixed Ports	4×10M/100/1000Mbps PoE ports with 52V PoE power supply, compliant with IEEE 802.3af/at, max. 30W per port; 1×10M/100/1000Mbps RJ45 uplink port; 1× DIP Switch (S: Standard Mode    E: Extend Mode    V: VLAN Mode)
Fixed Port Attributes	Supports 10M/100M/1000Mbps transmission rates; Supports half-duplex, full-duplex, and auto-negotiation modes; Supports MDI/MDI-X auto-sensing;
PoE	Adaptive power output supports IEEE 802.3af (15.4W) and IEEE 802.3at (30W); Power pinout: 1/2+ 3/6-;
Exchange Mode	Store-and-forward mode
Packet Forwarding Rate	7.44Mpps
Backplane Bandwidth	10Gbps

MAC Address Table	Supports up to 2K MAC addresses; Supports automatic address learning and aging;
Indicator Lights	PWR (Power): Green light on when powered; Port: Green steady light when linked, flashing during activity;
Power Consumption	Total power consumption (without PoE load) < 3W
Power Supply	Input voltage: AC 100 ~ 240V; Maximum total output power: 52V/1.25A 65W;
Network Cable Type	10Base-T: Cat3, Cat4, Cat5 or above UTP (≤100m); 100Base-TX: Cat5 or above UTP (≤100m); 1000Base-T : Cat5e or above UTP/STP(≤100m);
Dimensions	220mm×162mm×43.2mm (bare unit)
Work Environment	Working temperature: -10°C to +55°C Storage temperature: -40°C to +70°C Humidity: 5% to 95% (no condensation)