



Synway UMCT Series

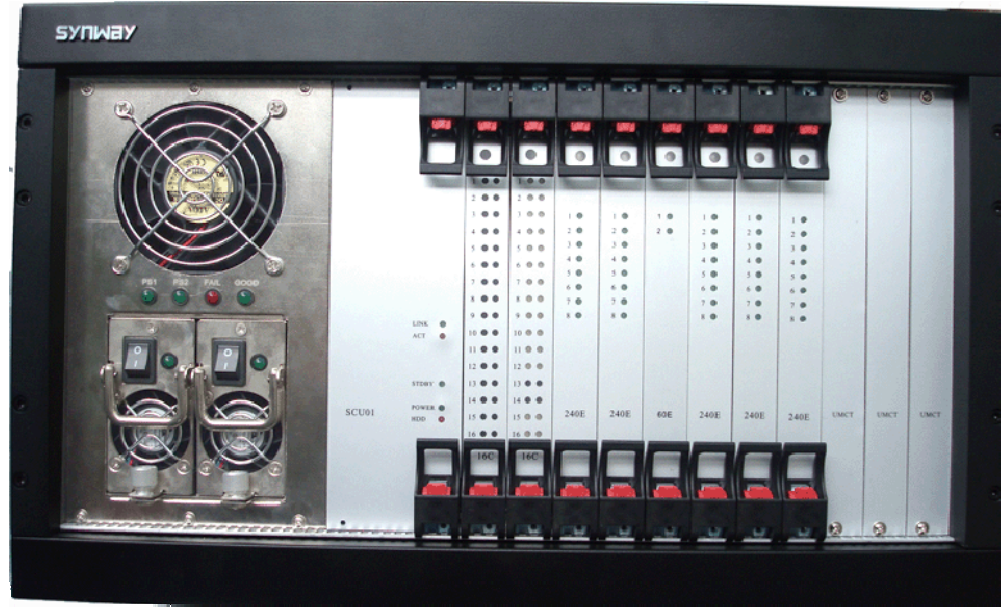
SSW030A

SSW080A

SSW080B

UMCT Intelligent Switch

Product Introduction



Synway Information Engineering Co., Ltd

www.synway.net

➤ Brief Introduction

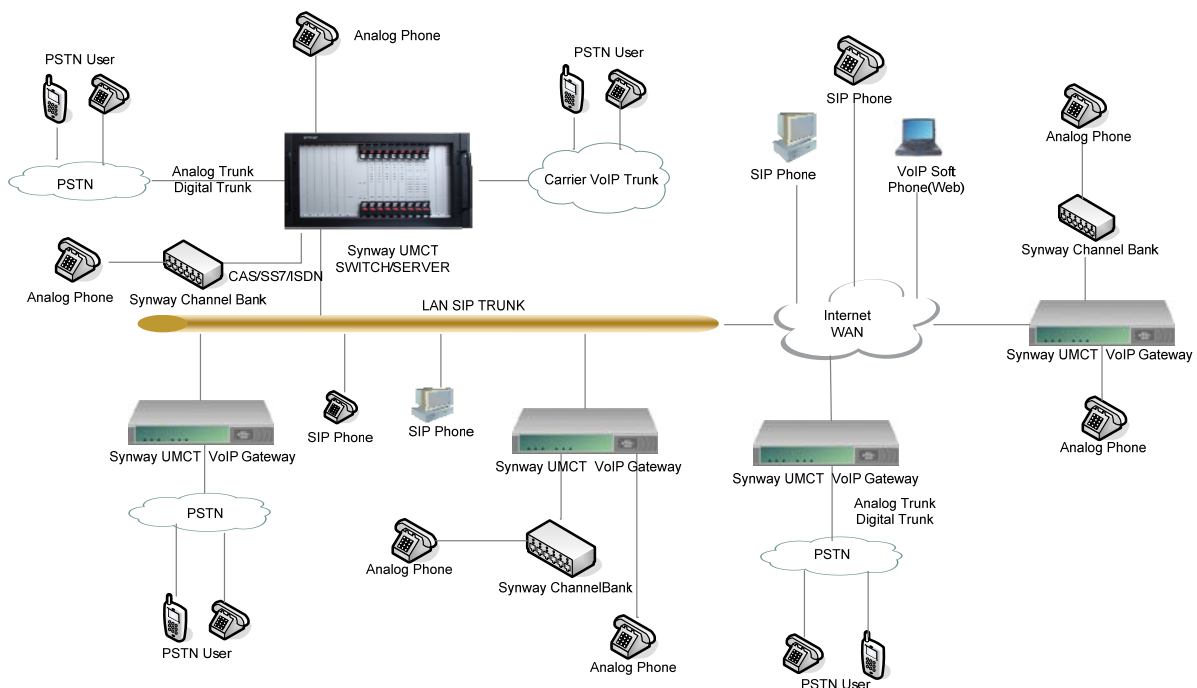
The Synway UMCT intelligent switch adopts the Intel (R) architecture and uses the Mini-ITX x86 embedded platform as the main control unit. It has all essential features of a PBX, such as the excellent expansibility and the capability to support a variety of functional boards. What's more, it supports all applications of the SynCTI driver platform as well as open source software like Asterisk.

The UMCT intelligent switch is extendable and allows hot swap of boards (replacing boards while the computer system using them remains in operation). The overall design features high efficiency and good ventilation. Especially, the SSW080B intelligent switch adopts the redundancy design, further ensuring the reliability in operation.

The following board models are all supported by the UMCT intelligent switch. They can be together for combined use in the switch.

Feature	Series	Note
Digital trunk board	SHD	Provides E1/T1 digital line interface
Analog voice board	SHT	Provides analog line interface
VoIP board	SHN	Provides VoIP interface
AST series analog board	FXM	Supports analog voice interface of Asterisk platform

➤ Typical Application



➤ Technical Specifications

SSW030A(2U) Specifications

Safety

Lightning resistance: Level 4

Certification: FCC CE CCC

Physical Size

Height: 89mm (2U); Width: 482.6mm (19"); Depth: 340mm

Weight: 9-10kg

Power Requirements

AC: 220V/110V

Frequency: 50Hz/60Hz

Environment

Well ventilated

* Suggested temperature: 0°C~40°C

Relative humidity: 10%~85%

* Keep clean, get away from dust

To prevent static: Ensure proper grounding

* Standard 19" chassis recommended

SSW080A/SSW080B(6U) Specifications

Safety

Lightning resistance: Level 4

Certification: FCC CE CCC

Equipped with EMI circuit to effectively hold back electromagnetic interference

Physical Size

Height: 267mm (6U); Width: 482.6mm (19"); Depth: 340mm

Weight: ≈16kg

Power Requirements

AC: 220V/110V

Frequency: 50Hz/60Hz

Environment

Well ventilated

* Suggested temperature: 0°C~40°C

Relative humidity: 10%~85%

* Keep clean, get away from dust

To prevent static: Ensure proper grounding

* Standard 19" chassis recommended

➤ Purchasing Guide

The Synway UMCT intelligent switches provide a complete range of features to meet all requirements.

➤ Model Description

PBX	Board Series	Board Model	Available Ports per Board
SSW030A SSW080A SSW080B	SHD	SHD-30E-CT/PCI(SSW)	30
		SHD-30E-CT/PCI/EC(SSW)	30
		SHD-60E-CT/PCI(SSW)	60
		SHD-60E-CT/PCI/EC(SSW)	60
		SHD-120E-CT/PCI(SSW)	120
		SHD-120E-CT/PCI/EC(SSW)	120
		SHD-240E-CT/PCI(SSW)	240
		SHD-240E-CT/PCI/EC(SSW)	240
		SHD-30E-CT/PCI/FAX(SSW)	30
		SHD-60E-CT/PCI/FAX(SSW)	60
		SHD-120E-CT/PCI/FAX(SSW)	120
		SHD-240E-CT/PCI/FAX(SSW)	240
	SHT	SHT-16C-CT/PCI/EC(SSW)	16
		SHT-16C-CT/PCI/FAX(SSW)	
	SHN	SHN-8B-CT/PCI+(SSW)	8
		SHN-16B-CT/PCI+(SSW)	16
		SHN-32B-CT/PCI+(SSW)	32
		SHN-60B-CT/PCI+(SSW)	60
		SHN-120B-CT/PCI+(SSW)	120
	AST	FXM3201P(SSW)	32
	CPU	SCU01	-
		SCU02	-
		SCU03	-
		SCU04	-

➤ Technical/sales Support

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 -  **Our company reserves the right to modify this document without prior notice and the right for final explanation.**
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