

SDW02 Specification

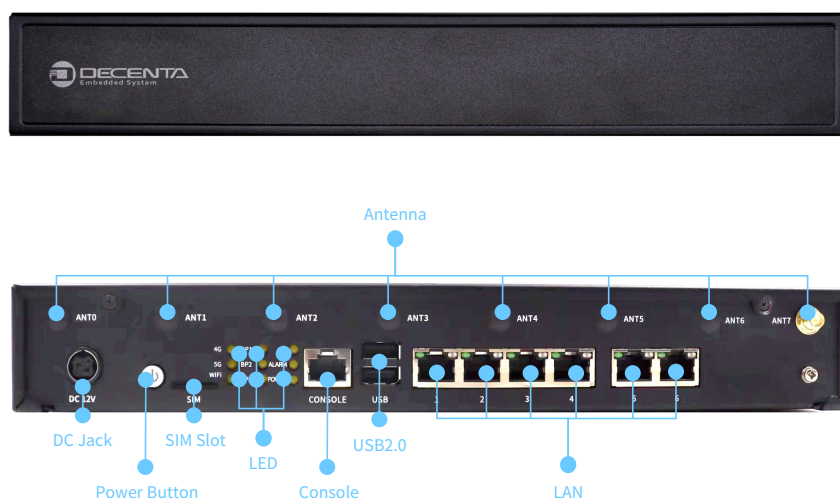


Overview

Decenta SDW02 features with low power consumption and high performance. With Built-in Intel functions, supports IPsec/SSL VPN, AES and other general encryption algorithms. PCIe x4 slot allows more diverse I/O, and the three Mini-PCIE interfaces can expand LTE, WIFI functions and 5G, brings more link options for SD-WAN application.

- Support Intel® Atom® C3000 Series Processor.
- Support DDR4 2400MHz SO-DIMM up to 32GB.
- Rich storage interfaces 2.5"/3.5" SATA HDD, mSATA, eMMC.
- Support multiple communication mode, such as Ethernet, WI-FI, 4G/5G and WLAN.
- Support Redundant power supply.
- Support TPM2.0.
- Support Intel® QAT and Intel® Virtualization Technology .

I/O Overview



Specifications

Model		S20-C3000-SDW02	
Form Factor		1U Rackmount	
Processor	CPU	Intel® Atom® C3000 Series Processor	
Memory	Type	1x DDR4 2400MHz SO-DIMM Memory	
	Capacity	Max. 32GB	
Network	Ethernet	Controller	4x Intel® i211 1x Marvell 88E1543
		Connector	6x 1Gbe RJ45 or 4x 1Gbe RJ45 + 2x Gbe SFP
	Bypass		2 Pairs Gen3, Optional
	WLAN		1x M.2 B-Key 3042 Slot, Co-lay with Mini-PCIe
	4G		1x Mini PCIe for LTE, with SIM Slot
	5G		1x M.2 B key-3042 for 5G, with SIM Slot
	Storage	mSATA	1
SATA		1x 2.5" SATA HDD	
eMMC		1, Reserved	
Expansion	PCIe	1x PCIe X8 Slot, Max support X8(due to CPU)	
I/O	Front	LAN	6, 2 Combo with SFP
		Console	1x RJ45
		USB 2.0	2
		LED	6 (1x4G, 1x5G,1xWiFi, 1x Power,1xHA, 1x Alarm) 2x Bypass, optional
		SIM Slot	1, dual SIM cards, support 4G/5G
		Power Button	1
		DC Jack	1
	Internal	Power Connector	1x 4-pin ATX
Environment	Temperature	Operating	0°C ~ 40°C
		Storage	-20°C ~ 60°C
	Humidity	Operating	10%~90% non-condensing
		Storage	5%~95% non-condensing
	Noise Value		48dB
Feature	TPM		Y, Reserved
	Watchdog Timer		1~255 steps by software programmable
	GPIO		Y(4 bits input, 4 bits output)
	Intel® QAT		Y
	Intel® Virtualization Technology		Y
Bios		Insyde	
OS		Linux CentOS7	
Dimensions		300mm x 205mm x 44.5mm	
Power		60W Power supply(Support Redundant power supply)	
Accessory		1x 60W Adaptor 2x Antenna	

