

AF01 Specification

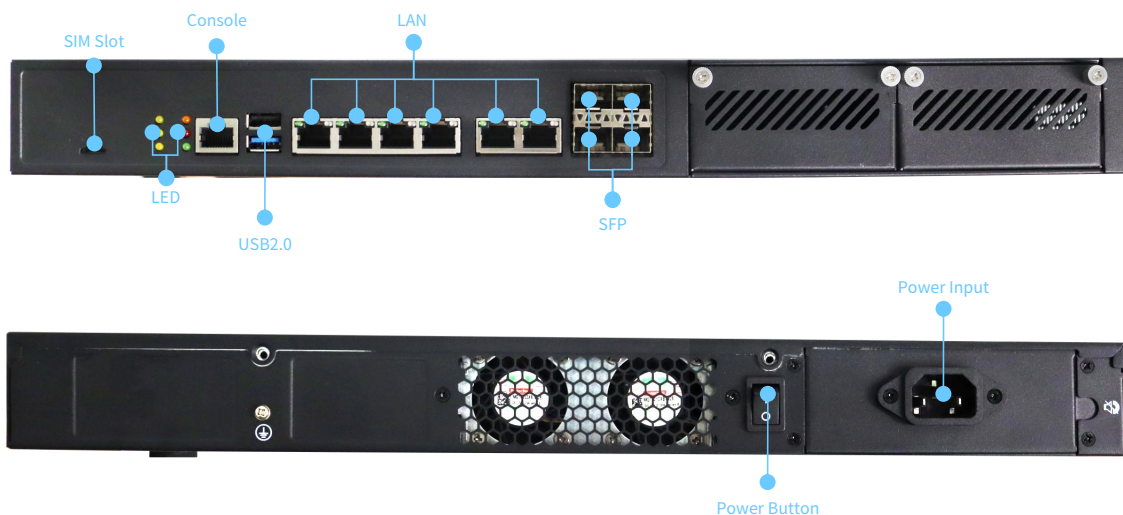


Overview

Decenta AF01 features Intel® Atom® C3000 Processor, with reliable and stable high performance, flexible expansion and other characteristics. It is suitable for network behavior management, firewall, VPN, IDS/IPS and other applications.

- Support Intel® Atom® C3000 Processor.
- Support 2x DDR4 2400MHz U-DIMM memory.
- Support LTE/5G with M.2 Key-B 3042/3052.
- 1x 2.5" SATA HDD, 1x mSATA, 1x CF Slot.
- 1x Mini PCIe for encryption card, 1x PCIe X8 Slot.
- Support TPM2.0 and Watchdog Timer.
- Support Intel® Virtualization Technology and Intel® QAT technology.

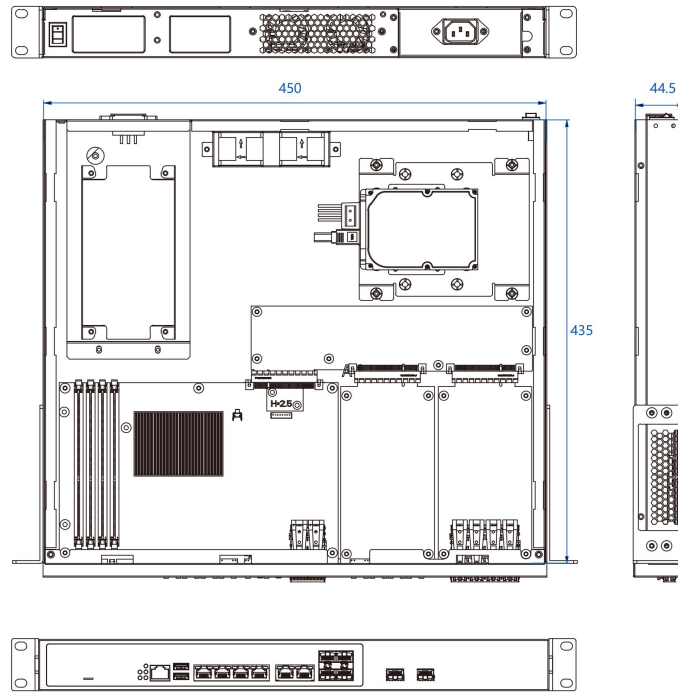
I/O Overview



Specifications

Model		S20-C3000-AF01	
Form Factor		1U Rackmount	
CPU		Intel® Atom® C3000 Series Processor	
Memory	Type	2x DDR4 2133MHz/2400MHz U-DIMM Memory, Dual channels	
	Capacity	Max. 128GB	
Network	Ethernet	Controller	6x Intel® i211 1x Marvell 88E1543
		Connector	6x 1Gbe RJ45 + 2x Gbe SFP + 2x 10Gbe SFP+
	Bypass	3 Pairs Gen3	
	5G	1x M.2-B key-3042/3052 for LTE/5G, with SIM Slot	
Storage	mSATA	1	
	SATA	1x 2.5" SATA HDD	
	CF	1x CF Slot, Reserved	
Expansion	Mini PCIe	1, Support encryption card*	
	PCIe	1x PCIe X8 Slot, Max support X8(due to CPU)	
I/O	Front	LAN	6
		SFP	4
		SIM Slot	1
		Console	1, RJ45
		USB 2.0	2
		Expansion	2x PCIe
		LED	6(1x Power; 1x HDD; 1x Alarm; 3x Bypass)
	Side	Power Button	1
		Power Input	1
	Internal	USB 2.0	2x Pin headers
		LCM	1x Pin header
		Power Jack	ATX 4Pin Header
	Environment	Temperature	Operating
Storage			-20°C ~ 60°C
Humidity		Operating	10%~90% non-condensing
		Storage	5%~95% non-condensing
Noise Value		48dBA	
Feature	TPM	TPM 2.0, Reserved	
	Watchdog Timer	1~255 steps by software programmable	
	GPIO	Y(4 bits input, 4 bits output)	
	Intel® QAT	Y	
	Intel® Virtualization Technology	Y	
OS		Linux	
Dimensions		450mm x 435mm x 44.5mm	
Power		60W Power supply(Support Redundant power supply)	
Accessory		1x Power Cord	
Remark		* Co-lay with 5G Module, When Mini PCIe is used, 5G Module slot will not exist.	

Dimensions (Unit: mm)



*Specifications and information contained in this document are furnished for informational use only, and are subject to change at any time without notice, and should not be construed as a commitment by Decenta.