

HS818-V5

2U Rackmount Hardware Platform, 4th/5th Generation Intel® Xeon® Scalable Processors

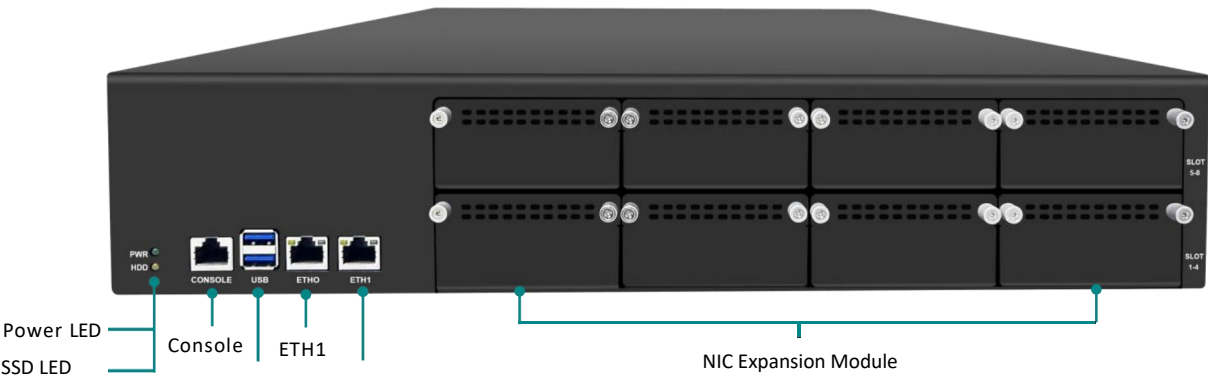


- Supports single-core 4th/5th Gen Intel® Xeon® Scalable Processors
- Onboard Intel® C741 chipset
- Supports 8* PCIe5.0 NIC expansion
- DDR5 4400/4800MHz RDIMM slots, supporting up to 4TB
- Supports SATA, mSATA, M.2 (NVMe) and other storage
- Comply with CCC, EMC, RoHS, CE, FCC and other certification

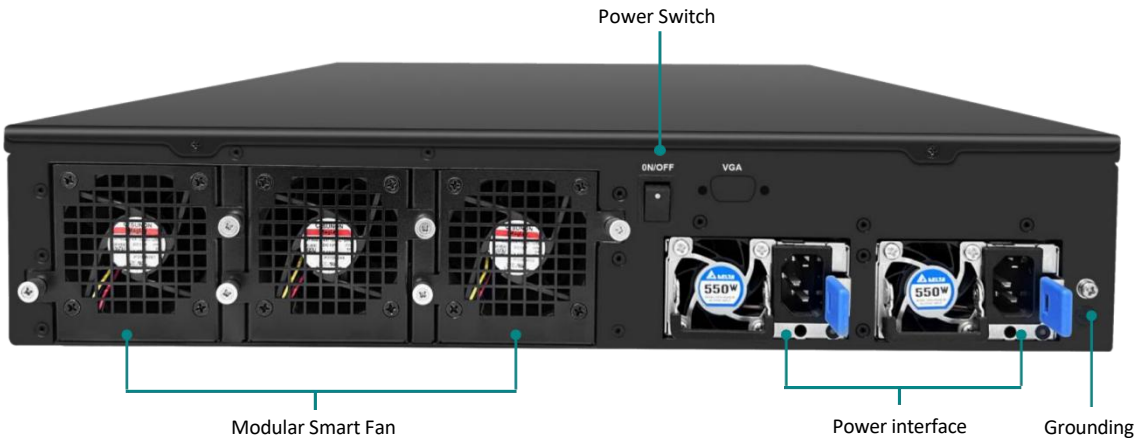
Product Specifications

Category	Parameter	Specification
Platform	CPU	Supports single-core 4th/5th Gen Intel® Xeon® Scalable Processors
	BIOS	UEFI
	Chip	Intel® C741
Memory	Type	SupportDDR5 4400/4800 MHz ECC RDIMM
	Capacity	Supports up to 4TB
	Memoryslot	16 x DDR5 DIMM
Network	Interface	Supports up to 66 network interfaces, NIC module definition
	Network chip	NIC module definition
	Bypass	NIC module definition
I/O Interface	Console	1 x RJ45 CONSOLE
	USB	2 x USB3.0
Expansion	NICExpansion	8 x PCIe 8X(GEN5, x8)
	PCIe	1 x PCIe 16X(GEN5, x16)
	miniPCIe	1 x miniPCIe
Storage	SATA	4 x SATA
	M.2	1 x M.2(NVMe)
	mSATA	1 x mSATA
Display	Display Interface	1 x VGA(Optional)
Power	Power	AC 90~264V @ 47~63Hz, Built-in CRPS 550W redundant power supply
Control and signal	Indicator	1 x power indicator, 1 x status indicator
	Button	1 x Switch Button
	PANEL	1 x PANEL pin
Cooling	Cooling fan	3 x hot-swappable smart fan modules
Mechanical and Environmental	Dimensions	19-inch 2U rackmount, 440 x 592 x 88 mm (W x D x H)
	Operating temperature	0°C~50°C
	Storage environment	Storage temperature: -40°C~70°C, Storage humidity: 10~95%, non-condensing
System and Software	Operating system	Linux, FreeBSD9.2 or above, Windows7 or above
	Software	Provide GPIO/Bypass/Watchdog routines
Certification	Certification	Comply with CCC, EMC, RoHS, CE, FCC and other certification standards

Interface Layout



Front View



Rear View

Network Expansion Module

Model	Chip	Interface	Bypass	PCIe Bus
LREM3500PF-4SFP-M	Intel® I350-AM4	4 x GbE SFP	None	PCIe 8X
LREM3501BP-4T-M	Intel® I350-AM4	4 x GbE RJ45	2 (Gen3)	PCIe 8X
LREM1001PF-8SFP-M	Intel® I350-AM4	8 x GbE SFP	None	PCIe 8X
LREM3500BP-8T-M	Intel® I350-AM4	8 x GbE RJ45	4 (Gen3)	PCIe 8X
LREM5991PF-2SFP+-M	Intel® 82599ES	2 x 10G SFP+	None	PCIe 8X
LREM7100PF-4SFP+-M	Intel® XL710 BM1	4 x 10G SFP+	None	PCIe 8X
LREM7100PF-2QSFP+-M	Intel® XL710 BM2	2 x 40G QSFP+	None	PCIe 8X
LREM8100PF-2QSFP28-M	Intel® E810	2 x 100G QSFP28	None	PCIe 8X