

Product Specification

System	
Form Factor	- 1U Rackmount
Chassis Model	- 1U4L
Dimensions	- 710 mm X 430 mm X 43.5 mm
Support MB	- EEB, 12"x13"
Sku	- 10G BaseT (Vsky c100t)
	- 10G SFP+ (Vsky c100x)
Front Panel	
Buttons	- Power Button - UID Button
LEDs	- POWER LED - UID LED - LAN LED - HDD LED
I/O Ports	- 1 x USB 2.0 ports - VGA port
External Drive Bay	
Front Side Drive Bay	- 4 Bay 3.5" SATA HDD (6Gb/s)
Front Side Backplane	- backplane with 4 SATA ports
Internal Side Backplane	- 2 Bay 2.5" SATA HDD
Power Supply	
Type	- 1U, Redundant
Output Watts	- 650W Platinum
System Fan	
Front	-4056 mm Fan x5
Riser card Support	
Riser card Type	- 2 x Symmetry Riser card(x16/x16) support 2 x Full height PCIE cards
MB Physical Status	
Form Factor	- SSI EEB
Dimensions	- 12" x 13"
Processor System	
CPU	- Intel® Xeon® processor E5-2630 V3
Socket	- Dual Socket LGA 2011 R3
Chipset	- Intel® C612
System Memory	
Capacity	- 16 DIMM slots * 16pcs
Type	- Quad Channel memory technology - Supports 2133/1866 LR/R/ECC, UDIMM and NVDIMM
Voltage	- 1.2V
Expansion Slot	
PCIe 3.0 x 16	- 2 slots
Mezzanine slot	- PCIe8(CPU1) with NCSI (for LAN mezzanine card) - PCIe8(CPU2) (for LAN mezzanine card)
M.2	- 1, M key PCIe x4(CPU1) and SATA NGFF SATA3(shared with PCH SATA1)
Storage	
SATA Controller	- Intel® C612: 10x SATA3, 2 pcs 4 port SFF-8087 CONN (8 ports), - 2x SATA 7p (SATA1 shared with M.2) - Marvell 9172 : 2x SATA 7p
RAID	- MegaRAID SAS 9271-4i
	- RAID Level: 0, 1, 5, 6, 10, 50, and 60
HDD	

HDD	- 480G SSD * 1
	- 4TB NL-SAS HDD * 3
Management	
BMC Controller	- ASPEED AST2400
IPMI Dedicated LAN	- 1 x Realtek RTL8211E for dedicated management GLAN
Features	- Watch Dog
Graphics	
Controller	- ASPEED AST2400
VRAM	- DDR3 16MB
Rear Panel I/O	
VGA Port	- 1 x D-Sub
USB 3.0 Port	- 2
Lan Port	- 1 (IPMI mg) Lan port (RJ45) - LAN Ports with LED (ACT/LINK LED and SPEED LED)
Serial Port	- 1 (COM1)
UID Button/UID LED	-1
Power connector in Front side	
Power connector	- 1 (include Power button, Reset button, Power LED, HDD activity LED)
Internal Connector	
System event LED	- 1 x 2pin Header for front system event LED (included in Aux_panel)
ME Security Override	- 1 x 2 pin header (Flash Descriptor Security Override) (PCH)
System configuration	- 1 x 3pin header for System Configuration (PCH GPIO connected)
SPI connector	- 2 support Dual BIOS
Chassis Intrusion Header	- 1 x 2pin headed, connect to SIO and PCH (included in Aux_panel)
Auxiliary Panel Header	- 1 (include Locator /LED, LAN LED, System event LED, Case Open)
TPM Header	- 1
IPMB Header	- 1 (BMC)
PMBus CONN	- 1, for BMC I2C bus (BMC)
Buzzer	-1
Fan Header	- 2x CPU Fan, 8x Front system Fan, 1x Rear Fan (4-pin)
ATX Power	- 1x (24-pin) + 2x (8-pin)
USB 3.0 Header	- 1 x 19-pin header for 2x USB 3.0 Ports (to front panel), ESD and over-current protected
USB 2.0 Header	- 1 x 9pin header, ESD and over-current protected
Front VGA Panel	- 1
Onboard LED	
Standby PWR LED 5vsb	- 1
Port 80 LED	- 1
Fan Fail LED	- 5
System BIOS	
BIOS Type	- 64Mb AMI UEFI Legal BIOS
BIOS Features	- Plug and Play (PnP) - ACPI 2.0 Compliance Wake Up Events - SMBIOS 2.8 Support - ASRock Rack Instant Flash