

Product Brief

— RB14604

CHENBRO



1U External Access 4-bay Compact Single Socket System with Intel S1200SPS for SMB



Main view



Front view



Rear view

Key Features

- Supports Intel E3-1200 V5/V6 CPU(Up to 80W TDP)
- Supports 4x3.5" hot-swap HDD and 2x2.5" internal SSD
- Supports up to 4 DIMMs,total capacity up to 64GB.
- Supports Slim ODD for option
- Supports Flex ATX PSU or 1+1 Redundant 450W
- Supports 3x 4056mm PWM cooling fans(UP to 4)
- Supports 1xFull height PCIe slots
- Supports tool-less slide rail

Product Highlights

- **Friendly customization** - RB14604 chassis has the high flexibility of being customized to support system integrator or solution providers' differentiate demand on ID, M/B, PSU, etc...
- **High performance and flexible thermal solution** – RB14604 system is thermal optimized through customized SDR to manage fan speed to achieve best thermal performance and acoustic result. Moreover, RM 14604 chassis provide flexible cooling fan configuration to support different application model.
- **High safety and high robust** - RB14604 system is designed with optimized chassis structure and material selection in order to meet UL, CE, FCC, CCC, etc....
- **Friendly system maintenance** - RB14604 supports tool-less HDD maintenance, tool-less ODD maintenance, tool-less system fan maintenance, tool-less top cover opening/closing, tool-less rack mount maintenance.

Technical Specification

Specification	Details	Specification	Details
Order code	RB14604T3F1XSPS	On Board LAN	2x 1GbE (i210)
M/B	Intel:S1200SPS	Board Dimensions	microATX 9.6" x 9.6"
Barebone Dimension(D x W x H)	550mm(D)x438.5mm(W)x43.2mm(H) 21.6"(D)x17.2"(W)x1.7"(H)	CPU	Single Intel® Xeon® processor E3-1200 v5, up to 80W TDP
Drive Bays	3.5" Hot-Swap HDD:4 Slim ODD:1 Internal 2.5" HDD:2	Socket	Socket-H4 LGA1151
HDD Backplane	12Gb/s Mini-SAS HD	Chipset	Intel®C232 chipset
PSU Form Factor	Flex ATX 400W	Memory Type	DDR4 UDIMM ECC at 2133MT/s maximum
Front Control / LED	1 x Power Status, 2 x LAN Activity, 1 x HDD Status, 1 x System status	Memory Capacity	4 DIMMs, 64GB total
Front IO	Power On/Off, System Reset, 2x USB2.0(USB3.0 optional), UID	USB	Two USB 2.0 and two USB 3.0 ports on back panel
System Security	N/A	Ethernet	Dual 1GBase-T (RJ45)
Cooling Fan	Middle: 3x 4028mm (up to 4), (up to T=56mm) PWM	Video	VGA graphics via BMC (DB-15 VGA)
Expansion Slot	1x Full height & Half Length	USB	One Type A USB 2.0 connector Two USB 2.0 via header for front panel
Metal Thickness	SGCC, T=1.0mm	Serial Port	One DH-10 Serial Port connector
Front Bezel	Option	SSI Front Panel	One 2x12 pin SSI front panel header
CPU Heatsink	1U passive	SATA	Six SATA3 via 7-pin SATA connectors
Slide Rail	Full travel	SATADOM	SATA 4 connector for Apacer* SATADOM
Net Weight	7.5Kg	TPM	None
Gross Weight	10Kg	I/O Modules	None
Cubic Feet	2.82	PCIe Slots	1 PCIe Gen3 x8 w/x16 connector 1 PCIe Gen3 x4 w/ x8 connector 1 PCIe Gen3 x8 w/ x8 connector
Container Loading	20':360,40':744	M.2	None
System Certification	UL, CE, FCC		

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