

SB405-PV



Features :

- 4U 102-Bay ultra density storage server
- Supports two Intel® Xeon® Scalable Processors
- With Intel® Lewisburg C620 series Chipset to provide 5+ years product life cycle
- Flexible IO usage with Max IO™ to support up to 1 PCIe 3.0 card
- Onboard Baseboard Management Controller for system management and IPMI control
- Front-to-back airflow and hot swap redundant fans to provide optimal thermal conditions
- One PCIe 3.0 x16 OCP Mezzanine slot
- Two 10 GbE SFP+ ports

SPECIFICATIONS

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| Dimensions (W x D x H) (with chassis ears) | mm : 483 x 1050x 175 | |
| | inches : 19 x 41.3 x 7 | |
| Motherboard | AIC Server Board Pavo | |
| Processor | Processor Support | Intel® Xeon® Scalable Processors |
| | UPI Speeds | 9.6 GT/s, 10.4 GT/s |
| | Socket Type | Socket P0 (LGA-3647 Socket) |
| Chipset Support | Intel® Lewisburg C620 series Chipset | |
| System Memory | <ul style="list-style-type: none"> • DDR4 2666 ECC RDIMM • Total 16 memory slots; 6 channel per CPU (4 x 1DPC + 2 x 2DPC per CPU) | |
| Expansion Slots | PCIe 3.0 | 1 x16 for OCP Mezzanine V2.0 (type 3) |
| System BIOS | BIOS Type | Insyde BIOS |
| | BIOS Features | <ul style="list-style-type: none"> • ACP • PXE • WOL • AC loss recovery • SMBIOS • Serial console redirection • BIOS Boot Specification • BIOS Recovery Mode • SRIOV |

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| On-board Devices | SATA/SAS | <ul style="list-style-type: none"> • Lewisburg PCH on-chip solution • 4 x SATA 6.0 Gb/s (by SFF-8643) + 2 x SATA 6.0 Gb/s (by 2 x SATA 7 pin) |
| | IPMI | Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> • Baseboard Management Controller • Intelligent Platform Interface 2.0 (IPMI 2.0) • iKVM, Media Redirection, IPMI over LAN, Serial over LAN • SMASH Support |
| | Network Controllers | <ul style="list-style-type: none"> • Intel® PCH (Lewisburg) Integrated 10GbE LAN Controller with dual SFP+ rear connectors • Intel® I350 dual ports GbE RJ45 rear connectors • Realtek RTL8201EL for BMC dedicate management port |
| | Graphics | Aspeed AST2500 Advanced PCIe Graphics & Remote Management Processor <ul style="list-style-type: none"> • PCIe VGA/2D Controller • 1920x1200@60Hz 32bpp |



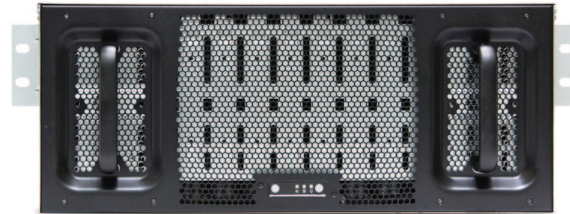
TOP VIEW

REAR VIEW

8 x 60x56mm dual rotor fans



FRONT VIEW



Power supply and Server board are included.

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| Rear I/O | LAN | <ul style="list-style-type: none"> • 2 x 10G SFP+ • 2 x GbE RJ45 • 1 x GbE RJ45 dedicated to BMC management |
| | USB | <ul style="list-style-type: none"> • 2 x USB 3.0 Type-A connectors • 1 x USB internal pin-header to support 2 x USB 3.0 • 1 x USB internal pin-header to support 2 x USB 2.0 |
| | VGA | <ul style="list-style-type: none"> • 1 x external VGA port • 1 x internal VGA pin-header (share with external VGA port) |
| | Serial Port | <ul style="list-style-type: none"> • 1 x external Audio jack for COM port • 1 x internal COM pin-header |
| Power Supply | 2000W 1+1 redundant power supply 80+ Platinum | |
| System Cooling | <ul style="list-style-type: none"> • 3 x 40x56mm dual rotor fans (MB canister) • 8 x 60x56mm dual rotor fans | |

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| System Management | <ul style="list-style-type: none"> • IPMI 2.0 • KVM over IP • Media redirection • Temperature, fan, voltage, PSU sensor monitor • System temperature • System ID / System fail indicator • Remote power on/off/reset • SEL message alarm through mail • SNMP support • Intel NM • HTML5 • Redfish | |
| | Environmental Specifications | <ul style="list-style-type: none"> • Storage temperature : -10°C(14°F) ~ 60°C(140°F) • Operating temperature : 0°C(32°F) ~ 35°C(95°F) • Humidity : 5%~95% non-condensing |
| Gross Weight | (w/ PSU & Rail) | kgs : TBD |
| | | lbs : TBD |
| Packaging Dimensions | (W x D x H) | mm : TBD |
| | | inches : TBD |
| Mounting | Standard | 28" tool-less slide rail |