

BPSA-641E-E1CR36H

4U front/rear-loading storage server with 36 hot-swap 3.5" SAS/SATA bays (6 optional NVMe hybrid, SAS hardware RAID) and PCIe 5.0

Key Applications

Primary and Secondary Backup Appliance

Key Features

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors;
- Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s(1DPC) in 16 DIMM slots;
- 2x 10 GbE onboard via Broadcom BCM57416
 - 1x GbE Dedicated LAN for server remote management: IPMI 2.0 / KVM over LAN / Media over LAN;
- 36x 3.5"/2.5" Hot-swap SAS3/SATA3 drives, 2x Rear 2.5" SATA Slots, 2x NVMe M.2 (form factor: 2280 and 22110);
- 7x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 1600W Redundant Power Supplies Titanium Level (96%);
- HW RAID support via Broadcom® 3908;



Form Factor	4U Rackmount Enclosure: (17.2" x 7" x 27.5") Package: (27" x 15" x 39")
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 38 bays <ul style="list-style-type: none"> • 12 rear hot-swap 3.5" SAS/SATA drive bays • 2 rear hot-swap 2.5" SATA drive bays • 24 front hot-swap 3.5" SAS/SATA drive bays Option A: Total 6 bays <ul style="list-style-type: none"> • 6 front hot-swap 3.5" PCIe 5.0 x4 NVMe* drive bays (*NVMe support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 NVMe slots (M-key 2280/22110)
Expansion Slots	Default <ul style="list-style-type: none"> • 4 PCIe 5.0 x16 (in x16) LP slots • 2 PCIe 5.0 x8 (in x8) LP slots
On-Board Devices	Chipset: Intel® C741 Network Connectivity: 2 RJ45 10GbE with Broadcom® BCM57416
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GbE LAN ports (Broadcom® BCM57416) (IPMI shared on LAN port 1) USB: 4 USB 3.0 ports(rear) Video: 1 VGA port(Rear) Serial: 1 COM port(Rear) TPM: 1 TPM header

