CLOE 1B

The modular 1U server

No contractual   **Front** view

No contractual   **Rear** view

Key Features

- **19-inches - Multiple storage option**

- **Dual Intel® Xeon® E5 generation**

- **24x DDR4 @ 2400MHz**

- **1x PCIe 3.0 x16 (internal for Single Width Accelerator) 1x PCIe 3.0 x8**

- **Air Cooling**

The most effective Video Management System server

With up to 44 cores in a single system, the Intel® Xeon® E5 serie processors allows management of multiple video stream on a single machine.

Intel® Xeon® E5 Processors

The CLOE 1B is built with Intel® Xeon® E5 Processors, designed to manage high scalability on digital surveillance and other enterprise applications.

Enterprise Made Flexible

With high redundancy, compute and storage capabilities, the CLOE 1B is the ultimate and safest enterprise client to manage any type of workloads with the highest cost efficiency ratio.

Multiple hot swap storage capabilities

With 2x 5.25" slots in the front of the machine, the CLOE 1B offers the unique capability to chose between multiple storage bays and backplane solutions.

From a standart hypervisor to up complete storage system, the CLOE 1B will fit any of your infrastructure needs with only one machine.

Possible option : 10x 2.5" SATA/SAS drive bays

Possible option : 10x 2.5" U.2 drive bays

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SPECIFICIATIONS

System	Model	BRB-CE1-100BB-R010
	Form factor	1U
	Nodes	1
	Dimension	482mm (W) x 800mm (D) x 175.5mm (H) 19" (W) x 32.6" (D) x 6.9" (H)
	Cooling Technology	Air Cooling
Storage	Internal type	2x M.2 (SATA) support 2280
	External type	**Storage add-on bay : maximum 2 x 5"¼ and 1 x SlimBay or 1 x backplane kit** SlimBay for 2 x 2"½ SATA 6G or SAS 12G from 7 to 15mm height SlimBay for 2 x U.2 NVMe from 7 to 15mm height SlimBay for 3 x 2"½ SATA 6G or SAS 12G from 7 to 10mm height SlimBay for 4 x 2"¼ SATA 6G or SAS 12G only 7mm height 5"¼ Bay for 4 x 2"½ SATA 6G or SAS 12G from 7 to 15mm height 5"¼ Bay for 4 x U.2 NVMe from 7 to 15mm height 5"¼ Bay for 6 x 2"½ SATA 6G or SAS 12G from 7 to 10mm height 5"¼ Bay for 8 x 2"¼ SATA 6G only 7mm height 5"¼ Bay for 1 x 3"¼ SATA 6G with key Backplane kit for 4 x 3"½ SATA 6G or SAS 12G Backplane kit for 12 x 2"½ SATA 6G or SAS 12G Backplane kit for 12 x 2"½ NVME
	RAID Controler	None
Motherboard	CPU	2x Socket R3 (LGA 2011-3 and 4) Intel® XEON® E5 Processors family TDP 205W maximum/CPU
	Chipset	Intel C612
	Expansion slots	1x PCIe x16 (Gen3 x16 bus) for FHFL GPU/FPGAs 1x PCIe x8 (Gen3 x8 bus)
	BMC	Integrated Aspeed® AST2500
	TPM	None
Memory	Total slots	24 (4-channel per CPU)
	Capacity	Maximum up to 3TB per Node ((Using RDIMM 3DS 128GB)
	Memory type	DDR4 2666/2400/2133 RDIMM up to 128GB DDR4 2666/2400 LR-DIMM 3DS up to 128GB
Network		1x 1GbE Management Port dedicated to the IPMI 2x 10Gb SFP+
I/O	Front	1x PWR Button
	Rear	1x 1GbE Management Port dedicated to the IPMI 2x 10Gb SFP+ 2x USB 3.0 1x VGA port
Management Solution	Software	AMI MegaRAC
	Out of band remote management	WebGUI, Intelligent Platform Management Interface (IPMI)
Power Supply	Type	1+1 Redundant CRPS
	Power rating	1600W
	Power Efficiency	80 PLUS Platinium (94%)
Operating Environement	Operating Temperature	Operating temperature: 10°C to 35°C
	Non-operating Temperature	Non-operating temperature: -40°C to 60°C
	Operating Relative Humidity	Operating humidity : 8-90% (non-condensing)
	Non-operating Relative Humidity:	Non-operating humidity : 5-95% (non-condensing)
Warranty		**2CRSi** hardware warranty includes three year, parts and labour with return to 2CRSi selling entity. Customers may purchase an extended warranty of up to 3 years on parts and labour with different support levels. Please contact 2CRSi at support@2crsi.com or reach your sales point of contact for complete warranty details including limitations and transferability. 2crsi.com/global-location

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