

KEY FEATURES

Immersed Computing® can support 22 kW of pure IT power with a footprint of 600x1200 mm

Facilitates 5-10x as much density compared to an average air-cooled cloud datacentre

Multiple CPU, GPU and Storage solutions all available



BOSTON IMMERSSED COMPUTING® SOLUTION

POWERED BY ASPERITAS; FOR A DENSE, ENVIRONMENTALLY RESPONSIBLE, EFFICIENT AND RELIABLE DATACENTRE

With an impressive catalogue of compatible hardware SKUs and the expertise to ensure your solution meets your full requirements; a collaboration between award-winning Immersed Computing® experts Asperitas and Boston offers an end-to-end Immersed Computing® “datacentre-in-a box” solution for both cloud providers and datacentre operators.

Datacentre operators could benefit from a reduced energy footprint, reduced floorspace and reduced requirements for cooling installations and other facilities. Cloud providers could benefit from the reduced energy costs, high-density capabilities and reduced software licensing costs.

A single Immersed Computing® module requires only power, access to a water loop and data connectivity to operate. Combined with its silent workings, these limited requirements enable high flexibility in deployment sites and scenarios.

In many situations, Immersed Computing® can save more than 50% of the total energy footprint. By using immersion, 10-45% of IT energy is reduced due to the lack of fans, while other energy consumers like cooling installations can achieve up to 95% energy reduction.



NETWORKING

We have a range of switches and transceivers. Get in touch with our sales team to discuss your requirements.



LEASING

All of our hardware and services are available to lease. Get in touch with our sales team to discuss your requirements.



GLOBAL SUPPORT & WARRANTY

Our after sales support team are on hand to answer any queries and provide warranty support services.

THE AIC24 IS PLUG-AND-PLAY.

A single module requires only power, access to a water loop and data connectivity to operate. Combined with its silent workings, these limited requirements enable high flexibility in deployment sites and scenarios for the AIC24.

Asperitas

COMPATIBLE WITH MAJOR TECHNOLOGIES FROM:



SYSTEM SPECIFICATIONS

MODEL	BOSTON IMMERSED COMPUTING® SOLUTION
	
WATER	0,6 kg/sec
DATA	Any copper based backbone cable
DIMENSIONS	1200x720x1500/2800 mm (Lid closed and opened)
FOOTPRINT	1200x600 mm or 2 data floor tiles
DIELECTRIC LIQUID	Medicinal Quality Oil
MAXIMUM IT CAPACITY	Up to 24 AUC's, 2 Universal Switching Cassettes/ Up to 48 immersed servers and 2 immersed switches
CONVECTION DRIVES®	2 specially designed Convection Drives (Capable of transferring 24 kW of heat from the oil while keeping all the IT components at allowable operating temperatures).
POWER SUPPLY	3-phase 400V/32A single/redundant Powered by manageable and metered PDUs. Controlled by built-in Schleifenbauer controllers.

Customised configurations are also available - contact us to discuss your requirements.