ASTRALIS

Powering the Intelligent & Rewarding Metaverse

Built on one of the most powerful **AI** capable platforms, the ASTRALIS SmartSpot delivers remarkable innovation thats easy to use and rewarding to operate.

Meticulously designed with laser cut recycled aluminum, ASTRALIS SmartSpot packs form, function and sustainability in a compact form that can be placed just about anywhere you need it.

SmartSpots work together to form an open, decentralized and distributed 'neural network', made possible by the global community of operators who earn its native PHY token for their contribution in powering the ASTRALIS Constellation.

This architecture scales up to a powerful AI focused Layer 2, helping to process Metaverse specific workloads in tandem with Solana, the worlds most performant blockchain. Through the use of ASTRALIS Constellation and its OpenAPI, developers can also utilize and contribute to the network, adding intelligence layers into projects with lightning fast results.

Every ASTRALIS SmartSpot provides an all access pass into the core Physis ecosystem, including its entire suite of applications, content creators, developers, business operators, and much more.

As your simple plug and play portal into the world of XR (extended reality), and a growing capability to pair a range of Vitual Reality and Augmented Reality glasses, ASTRALIS SmartSpot eliminates the need to build an expensive XR capable computer with complex configurations.

Each SmartSpot features our signature LightDrift LED activity system subtly alerting you visually when you are earning PHY, the intensity of network traffic it is processing and important application events.
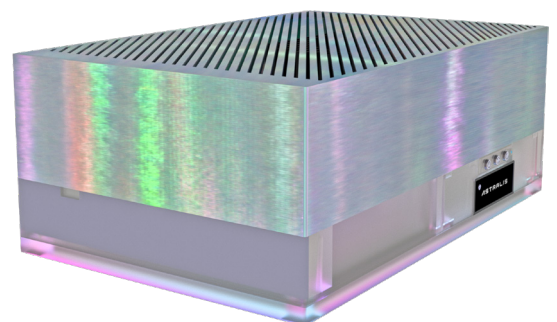
First models of the ASTRALIS SmartSpot will be available in two variants - **XR/A,** and for power users, the **XR/X.**

Both models feature two finish options, **Bifröst Ghost** and **Bifröst Shadow** - for matching to your personal style and environment.

With its next-level performance, easy connectivity, and compact size, your ASTRALIS SmartSpot is expertly suited to take on the expanding world of XR and equally rewarding to enjoy.
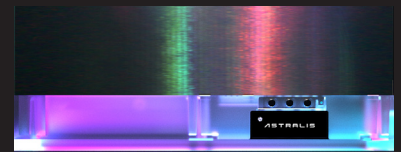
KEY FEATURES

· 12 or 8-core Arm® Cortex® A78AE CPU
· Up tp 2048 Core NVIDIA Ampere GPU
· AI Performance up to 275 TOPS
· 10 Gigabit Ethernet
· WiFi 5/6 (802.11ac/abgn)
· 8K Display Port 1.4a
· 32 or 64 GB LPDDR5 RAM
· Power adapter w/USB Type-C cable
· Quick Install & User Support Guides
· **ASTRALIS Constellation Control Center**
· **Physis Fusion priority pass**
· **PhysisDAO Operator access**
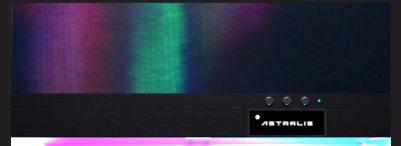· **PHY / sPHY Staking Boost**

TECHNICAL SPECIFICATIONS

ASTRALIS SmartSpot	XR/A	XR/X
Chip	8-core Arm® Cortex® A78AE v8.2 64-bit CPU 2MB L2 + 4MB L3	12-core Arm® Cortex® A78AE v8.2 64-bit CPU 3MB L2 + 6MB L3
GPU	1,792-core NVIDIA Ampere w/ 56 Tensor Cores	2,048-core NVIDIA Ampere w/64 Tensor Cores
Memory	32GB 256-bit LPDDR5 204.8GB/s	64GB 256-bit LPDDR5 204.8GB/s
AI Performance	200 TOPS	275 TOPS
Chip Frequency	2.2 GHz	2.2 GHz
GPU Frequency	930 MHz	1.3 GHz
DLA Max Frequency	1.4 GHz	1.6 GHz
DL Accelerator	2x NVDLA v2	2x NVDLA v2
Storage	64GB	64GB
USB	2x USB Type-C 4x USB 3.2 Type-A	2x USB Type-C 4x USB 3.2 Type-A
Communications	1/10 Gb Ethernet Wi-Fi 6/5	1/10 Gb Ethernet Wi-Fi 6/5
Display Support	4K60 (Max) DisplayPort 1.4a USB Type-C	8K60 (Max) DisplayPort 1.4a USB Type-C
Power	15W - 40W	15W - 60W
Other	Power Connector / RTC battery connector/ DC power jack / Power & Reset buttons / Quick Install Guide / PCIe Gen4 expansion slot / ASTRALIS LightDrift LED activity reactor	
Dimensions	Height: 76 mm / 2,99 in Width: 200 mm / 7,87 in	Depth: 130 mm / 5,12 in Weight: 1.2 k / 2.64 lbs
Availability*	Feburary 2023	March 2023
Price	$1499	$1899
PreOrders**		

Bifröst Ghost

Bifröst Shadow

SmartSpot I/O