



HIVE

HIVE DATASHEET – BEEBLADE PLUTO

BEEBLADE

PLUTO

8K PLAYBACK / 4K OUTPUT



**HIVE SDM
COMPATIBLE
MEDIA ENGINE**

INGENIOUS BY
NATURE

The PLUTO variant is a powerhouse of performance, named after one of the world's largest and most powerful bees, symbolizing its strength and capability.

Designed to handle the most demanding media tasks, it offers storage options of 2TB or 4TB, ensuring ample space for high-resolution content. Supporting a maximum media resolution of 8192 x 4320 at 60Hz and delivering output via HDMI 2.0 at up to 4K at 60HZ, Pluto can sample from an 8K media file and output 4k visuals with unmatched clarity and detail, while supporting smooth 240 frames per second for HD content.

With the ability to manage HEVC bitrates up to 800 Mbps, Pluto excels in advanced playback scenarios, supporting up to two 4K layers or a single 8K layer. This makes it the ultimate solution for professionals who demand top-tier performance and versatility in their media workflows.



Beeblade PLUTO
inside a **BEEBOX** (x1)



Beeblade PLUTO
inside a **NUCLEUS** (x1, x2)



Beeblade PLUTO
inside a **BEEHIVE** (4,8,12,16)



Beeblade PLUTO
fits inside an SDM
Compatible Projector (x1)



Beeblade PLUTO
fits inside an SDM
Compatible Professional Display (x1)

PRODUCT SPECIFICATIONS

GPU	Intel® IRIS® Xe
Memory	32Gb DDR4
Storage Option 1	2Tb
Storage Option 2	4Tb
Max media resolution	8192 x 4320 @ 60
Output	HDMI 2.0, NDI
Max output resolution	4096 × 2400 @ 60Hz
Max frame rate	240 FPS (HD)
Max HEVC bit rate	800 Mbit
Layers	2 x 4k or 1 x 8k + Media Regions
Ethernet 1	1 Gigabit
Video Input	NDI, USB
Connections	SDM, USB 2.0, USB 3.0, USB C, RJ45, HDMI 2.0
Inputs	NDI, USB capture
Voltage	12V dc or SDM
Power	40W average 60W max
Dimensions	W 175mm x D 100mm x H 24.5mm
Weight	250g
Operating temperature	0°C to 25°C
Cooling	Internal fan (~45dB)
Codec support	H265 / HEVC, H264, Notch LC, AIM
Control	Artnet, UDP, OSC, HTTP, Websockets, StreamDeck, Companion
Synchronisation	Beesync HDMI genlock equivalent, SMPTE MTC, Artnet timecode
Software	Hive Render Engine, Hive Web Server, OS: Ubuntu 22.04
Optional Accessories	PSU, optional enclosures for non SDM displays

PRODUCT DIMENSIONS

