

# Profusion iH2 Player

## Product Specifications



The **Profusion iH2 Player** is a high-performance, ultra-compact embedded solution powered by the Rockchip RK3566 SoC.

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### Core Computing & Graphics

| Component | Specification                                     |
|-----------|---------------------------------------------------|
| Processor | ARM® Cortex®-A55 Quad-Core 64-bit (up to 1.80GHz) |
| Chipset   | RK3566 SoC                                        |

### Memory & Storage

- **System Memory:** 4GB DDR4 (Built-in)
- **Internal Storage:** 16GB eMMC Flash

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### Connectivity & Networking

- **Ethernet:** 1 x RJ45 (10/100/1000 Mb/s) Gigabit LAN.
  - **Wi-Fi:** Wi-Fi 5 (802.11 ac)
  - **Bluetooth:** Version 4.2
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## I/O Interface

### Front Panel

- **USB:** 1 x USB 3.0 (Side)
- **Audio:** 2 x 3.5mm Analog Stereo Audio jacks (Everest ES8323S chip).

### Back Panel

- **USB:** 2 x USB 2.0 ports.
- **Video:** 1 x HDMI® 2.0 port.
- **Network:** 1 x RJ45 LAN.
- **Power:** 1 x DC-In 2.5mm Connector.
- **Storage:** 1 x TF (MicroSD) slot.

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## Physical & Environmental

- **Chassis:** NUC-X Tiny Polymer Chassis ( Silver).
- **Dimensions:** 4.10" (W) x 4.10" (D) x 0.99" (H).
- **Weight:** 0.7 lb. (Net).
- **Mounting:** Supports VESA and Wall Mount brackets.
- **Operating Temp:** -10°C to +55°C (14°F to 131°F).
- **Durability:** MTBF of 100,000 Hours; High shock and vibration resistance.

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## Power & OS Support

- **Power Input:** DC12V / 2A (24W) via 2.5mm plug; PoE (Power over Ethernet) supported.
- **Efficiency:** Energy Star Compliant; Idle mode <1W.
- **Operating Systems:** Linux.