



# CHROMA PULP BOX

HARDWARE SPECIFICATION SHEET · REV 1.2

1U Rackmount AI Keying Appliance · Chroma Pulp Live v1.2.0

## CHASSIS

Form factor	1U Rackmount
Dimensions	430 × 44 × 380 mm (W × H × D)
Weight	8.2 kg
Colour	Matte black anodised
Front panel	Power button, status LED, logo

## COMPUTE

CPU	Intel Core i9-13900K / AMD Ryzen 9 7950X
GPU	NVIDIA RTX 4000 Ada Generation — 16 GB GDDR6 VRAM
RAM	64 GB DDR5-4800 ECC
Storage	1 TB NVMe SSD (OS + software)
Cooling	Dual 80mm fans, PWM-controlled

## SDI I/O

Card	Blackmagic DeckLink 8K Pro
Inputs	2 × 12G-SDI (BNC, rear panel)
Outputs	2 × 12G-SDI (BNC, rear panel)
SDI standards	3G / 6G / 12G-SDI
Max resolution	UHD 4K DCI 60fps

## NETWORK

Ethernet	2 × 10GbE RJ-45 (ETH0 = NDI, ETH1 = mgmt)
NDI support	NDI 5 output (confidence monitor + VFX overlay)
Remote control	IPC Unix socket · REST API on ETH1:8080
mDNS hostname	chromapulpbox.local (configurable)