

Set Top Box P580 Hybrid CM

5th generation - 5 new models

The P580 is part of the new P500 product line and is designed for use in HFC cable networks. It is particularly efficient and it supports the latest technology standards. The heart of the hardware is the chip from the manufacturer MTK. The P500 series was honored with the *Red Dot Design Award 2020*.

Hardware & interfaces

In addition to 4K / HDR, the P580 supports latest technologies. Since there is no fan, it works noiselessly. For customer-friendly operation in both IP and DVB-C environments, the P580 is equipped with a 4-way DVB-C tuner and DOCSIS cable modem. A connection to the IPTV server can be established in the DVB-C network with feedback capability with just one cable (DVB-C). The 4-way tuner ensures an efficient signal processing. This results in extremely short switching times when changing channels. With the integrated app platform based on HTML5, apps and external content can be accessed directly from the box. The P580 can be operated with infrared or Bluetooth remote control.



reddot winner 2020

Size: 20 x 13 x 2.5 cm (width/depth/height)

Deep standby power consumption:
< 0.5 W (Ecodesign)

Consumption in operation: max. 11 Watt at UHD

Smart LED bar showing the operational status

4K resolution (3.840 x 2.160 Pixel) & HDR

HEVC (H.265), H.264, H.263

Chip: MTK 5251

CPU: Quad ARM A55, 16,000 DMIPS

RAM: 2GB, DDR4 1333 MHz

Flash capacity: 8GB eMMC Flash

DOCSIS 3.0 Modem

Ethernet RJ45, 100 mbit/sec

Tuner: MaxLinear 4x DVB-C Tuner

HTML5 browser

Bluetooth BT 5.0

Integrated IR sensor

WiFi 6, 2.4/5GHz

Verimatrix 4.0 Ultra DRM for IP, IP/DVB-C & OTT

Micro SD Slot

Stereo 3.5 mm jack socket

S/PDIF optical

RF connector

HDMI 2.0 with HDCP 2.2

USB 3.0

12V power

 **Browser for external content**

 **DVB-C connection via tuner**

 **Integrated Wi-Fi**