

TU20

LED PLAYBACK CONTROL PROCESSOR NOVASTAR TU20 PRO

The TU20 Pro is a playback control processor specially designed by Novastar for indoor LED screens. It integrates the Android system and sending card functions into one unit, and allows third-party apps to run on it, featuring powerful interaction and playback control capabilities.

The TU20 Pro supports wireless screen mirroring from Windows, macOS, iOS and Android terminals. For a standard 1080p video, the mirroring transmission is at up to 60 fps with a system latency of less than or equal to 80 ms at 8 meters. For different application scenarios, it provides 4 modes to let the document presentation, video playback and remote meetings have the optimal display effect.

The TU20 Pro has no requirements of redesigning or changing the screen structure and can be hung on the wall or placed on a surface, allowing for quick environment setup and use. It can be widely used in corporate exhibition halls, government and corporate educational halls, hotel lobbies, telemedicine consultation and other LED single-screen application scenarios.



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PRODUCT DETAILS

KEY FEATURES

Device loading capacity up to 3.9 million pixels

Android 11 based desktop UI system, supporting third-party apps

Wireless screen mirroring from multiple platforms such as Windows, macOS, iOS and Android

Playback control from different terminals: via mobile app, via remote, or via USB

Image quality enhancement with richer and more delicate image gradation

Effect adjustment and Eye comfort mode

Screen drawing and commenting

Dual Wi-Fi modes

Gigabit Ethernet control port with TCP/IP protocol support

Low-power mode during standby (less than 0.5 W)

Bluetooth 5.1

Compatible with the peripherals such as camera, sound system and laser pointer

SPECIFICATIONS

2x HDMI 1.3 inputs with max. resolution of 2048x1152@60Hz and custom resolutions supported

3x USB 2.0 Type-A ports for connection to common USB devices such as mouse, keyboard and USB drive

6x RJ45 Ethernet ports with max. loading capacity up to 3.9 million pixels when scaling function is enabled

1x HDMI output for standard 1080p videos

1x 3.5mm audio output connector

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1x SPDIF optical audio output

1x Ethernet control port for connection to PC or external network

1x Temperature or Light sensor connector

1x 4-pin RS232 Phoenix connector for connection to the central control device

1x 6-pin Phoenix connector

2x Wi-Fi AP 2T2R antenna connectors

1x Wi-Fi STA 1T1R antenna connector

Input Voltage	DC 12V 3A
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Rated Power Consumption	21W
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RAM	4 GB
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Internal Storage	32 GB
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Working Temperature	-20°C to +50°C
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Working Humidity	0% RH to 80% RH, non condensing
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Product Dimensions	211.7 × 185 × 50.6 mm (8,33 x 7,28 x 1,99" in)
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Product Weight	1.12 kg (2,47 lbs.)
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