



FOR MICROSOFT TEAMS ROOMS

TeamJoin™ TRS10-UB

Key Features

- 12th Gen Intel Core™ Processor and TPM 2.0 ensure a stable and secure meeting environment
- Pre-installed Microsoft Teams Rooms on the latest Windows 11 IoT Enterprise operating system
- Seamless, instant connection to videoconferencing sessions through the 10.1" Full HD Touch Console
- Direct HDMI Ingest support for BYOD presentations
- 4K Video Bar System delivering high-quality audio-visual with intelligent auto-framing and DOA voice tracking technology



Product Description

Designed to deliver instant and intuitive collaboration without a complicated setup, ViewSonic® TeamJoin™ solutions for Microsoft Teams Rooms enhance communication, foster collaboration, and promote inclusivity for teams of all sizes, regardless of location. The TeamJoin™ TRS10-UB bundle, featuring a Computing Engine (MPC310-W31-TU), Touch Console (MRC1010-TN), and 4K Video Bar System (UMB202), offers a complete, one-stop solution that can easily scale to meet your needs and adapt to any meeting space size.

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COMPUTING ENGINE – MPC310-W31-TU

CPU

CPU:	Intel i3-1220P (1.5G) Turbo boost 4,4G
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GPU:	Intel UHD
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MEMORY

Type:	Dual Channel DDR4
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Interface:	DDR4 SODIMM
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Size:	8GB (4x2)
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STORAGE

Type:	M,2 2280 SSD
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Interface:	SATA
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Size:	128GB
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INTERFACE

USB type-A:	4 x USB3.0
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USB type-C:	1 x USB3.0 (DP out 4K@30Hz, USB3.0 upstream(In)), 12V/2A PD
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Audio:	1 x Audio Combo Jack
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Ethernet:	1 x RJ45 (10M/100M/1000M)
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HDMI out:	1 x HDMI Video Out (Support Video out 4K@60Hz, CEC control - screen power on/off)
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Antenna:	Built-in (BT)
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Power button:	1 x Power button
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Power LED:	1 x Power LED (Power on: Blue)
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OS recovery:	1 x OS recovery
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Kensington Security Lock:	1 x Security slot
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WIFI EXPANSION

WLAN spec:	No Wi-Fi, BT5.3
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OPERATION SYSTEM

Windows:	Windows 11 IoT Enterprise (x64)
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BUNDLED SOFTWARE

Software:	Microsoft Teams Rooms
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POWER

Supply mode:	Internal power supply module
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Input power:	AC 100-240V 50/60Hz
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Maximum power consumption:	111.9W (19V/5.89A)
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Standby power consumption:	1.5W
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Power Requirements:	12V/1.5A(Via TYPE-C)
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Overall Power (Max.):	18W
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Standby Power:	≤0.5W
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ACCESSORY (INBOX)

Quick Start Guide:	x1
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VESA mounting bracket:	x1
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Power Cord:	1.8M x1
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USB Type-C cable:	1.8m typeC x1 (include TypeC to A Plug adaptor)
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Remote Control:	Yes
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Power adapter:	1
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Wall mount components:	1
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Screws:	Yes
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Lens Cover:	1
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QSG:	Yes
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Compliance statement:	Yes
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PHYSICAL SPECIFICATIONS

Dimension WxHxD:	9.01 x 10.85 x 1.69 in 230 x 275.5 x 43 mm
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Dimension (package) WxHxD:	14.53 x 11.85 x 4.76 in 369 x 301x121mm
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Net Weight:	1.86KG (4.10lb)
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Gross Weight:	3.70kg (8.16lb)
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Dimension LxHxD:	9.63 x 6.3 x 3.85 (in.) 245 x 160 x 98 (mm)
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Dimension (package) LxWxH:	14.53 x 9.65 x 4.76 (in) 369 x 245 x 121 (mm)
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Net Weight:	0.93kg (2.05lb.)
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Gross Weight:	1.95kg (4.3lb.)
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TOUCH CONSOLE – MRC1010-TN

DISPLAY

Size:	10.1 inch
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Resolution:	1920*1200
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Refreshing Frequency:	60Hz
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NTSC:	72%
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Back Light Unit:	ELED
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Brightness with glass(typ):	300cd/m ²
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Life Time:	20000Hrs
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OPERATING SYSTEM

System Version:	Non-OS
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TOUCH SYSTEM

Sensing Type:	Capacitance touch recognition
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Touch Tool:	Finger
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Accuracy:	Middle: ±1 mm; Edge: ≤2.5mm
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Touch Point:	10 points touch
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Touch down latency:	<25 ms
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I/O PORT

USB 2.0:	*1
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HDMI Ingest:	*1
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Audio out:	*1, 3.5mm interface
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TYPE-C:	*1 (DP in, USB downstream(3.0: HDMI signal, 2.0: Touch signal)*
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SENSOR

Motion Sensor:	PIR *1 (Support 24/7 continuous working when screen is off)
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ACCESSORIES

Quick Start Guide:	*1
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HDMI cable:	1 * 1.5M
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Type-C cable:	1* 5M
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VIDEO BAR SYSTEM – UMB202

CAMERA

Resolution:	H.264/MJ: @30FPS (1)3840×2160 (2)2560×1440 (3)1920×1080 (4)1280×720 (5)1024×576 (6)960×540 (7)800×600 (8)640×480 (9)640×360 (10)480×270 (11)352×288 (12)320×240 NV12 / YUY2: @30FPS (1) 1920×1080 (2) 1280×720 (3) 640×360
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Sensor:	IMX577 1/2.3 inch, CMOS, 12M pixel
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FOV:	117.8° (DFOV) , 109° (HFOV), 74.4° (VFOV)
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PTZ:	EPTZ (5X digital Zoom)
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Digital Noise Reduction:	Yes
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White Balance:	Yes
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Exposure:	Yes
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AUDIO

Microphone array:	6 element, 8 meters pickup range
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Speaker:	mid-bass module x1, treble module x1 in one box (Maximum output 8W + 3W)
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Output Power:	80 dBA @ 1000 Hz @ 1 meter at maximum volume
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I/O

USB-TypeC:	1
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Audio Out:	1
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DC 2.0 Power:	1
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RJ45:	1 (Only for power supply) IEEE 802.3 at, 25.50W (max)
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Power Button:	Power Button: In startup mode, press the power button to mute. In standby mode, press the power button to power on.
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MIC Mute Button:	Yes
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USB FEATURE

Connection type:	USB 3.0, downward compatible with USB2.0
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Video Compression:	MJPEG /YUY2 / H.264 / NV12
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USB audio:	16K sampling rate, support UAC2.0
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USB video communication protocol:	UVC 1.1
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UVC PTZ control:	Support (Control Via Remote controller)
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INTELLIGENT FUNCTION

Auto Framing:	Yes
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Voice tracking:	Yes
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SYSTEM COMPATIBILITY

OS:	Windows 7 /8.1/10/11 or higher macOS® 10.10 or higher Google Chromebook™ Version 29.0.1547.70 or higher Android
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