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OPS



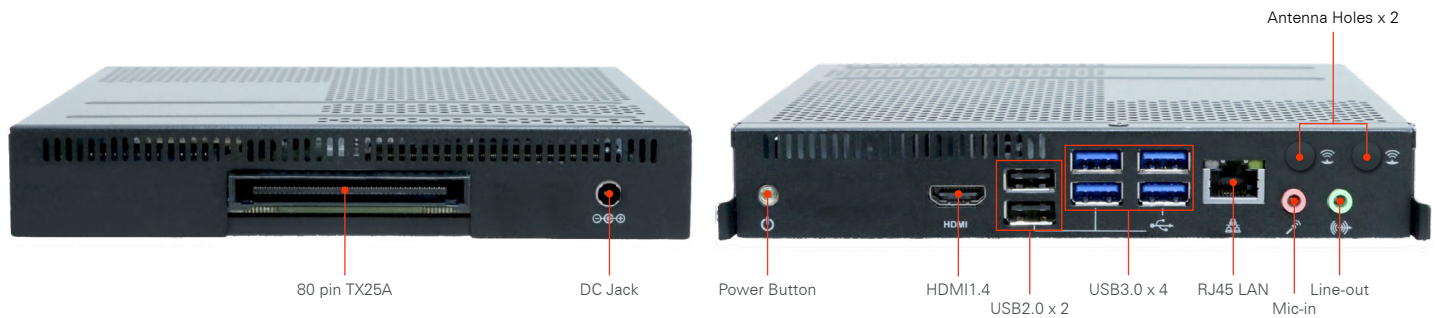
Powerful computing OPS media player **WB5500-R**

The WB5500-R is the successor of the OPS WB5500 player. An OPS system is a module that allows for adding capabilities. It displays 1x UHD (4K) @60Hz and is used to drive a stand-alone display or to fit behind a screen. The AOPEN Thermal Design ensures a good thermal dispersion. This device is used in educational applications, digital signage and for kiosks.

The WB5500-R features:

- + 7th Generation Intel® Core™, available in i3 and i5
- + HDMI2.0 on OPS connector
- + Actively cooled via the AOPEN Thermal Module
- + Supports Intel vPro and TPM (dependant on CPU)
- + OPS Form Factor
- + EDID Emulator

WB5500-R



Model name		WB5500-R
Summary		Powerful OPS (Open Pluggable Specification) player
Dimension	W x H x D (mm)	173 x 30 x 180 mm
	W x H x D (inch)	6.81 x 1.18 x 7.09 inch
Volume		0.93L
Weight		0.85 kgs / 1.87 lbs
CPU		7th Generation Intel® Core™ (i5, i7)
Memory	Channel	Dual Channel
	Type	DDR4 SO-DIMM x 2
	Data rate	2133
	Max Memory	32G (based on OS Support)
Graphics	Chip	Intel® UHD Graphics 620
Expansion Slot		M.2 2280 x 1 M.2 2230 x 1
Audio	Type	Realtek HD Audio ALC269Q
	Channel	Stereo
LAN		Intel® Giga LAN i219LM 10 / 100 / 1000 Mbps
Storage	2.5" SATA HDD	x 1
	M.2 SSD	x 1
TPM		2.0

Front Panel IO	USB 2.0 Port	-	
	USB 3.0 Port	-	
	Others	80 pin JAE TX25A Connector x 1 DC Jack x 1 (19V)	
Rear Panel IO	DC Jack	-	
	HDMI Port	x 1 (HDMI1.4)	
	USB 2.0 Port	x 2	
	USB 3.0 Port	x 4	
	eSATA Port	-	
	RJ45 LAN Jack	x 1	
	Display Port	-	
	Audio Set	Line-Out	x 1
		Mic-in	x 1
	Antenna Holes	x 2	
	Kensington Lock Hole	-	
COM Port	-		
Others	Power Button x 1		
CPU Thermal Module		AOPEN Thermal Module	
WatchDog Timer		1 ~ 255 SEC./min	
Adapter		65W / 19V Adapter	
Input Voltage		Via TX25A DC 12 ~ 19V Via DC Jack 19V	
Warranty		2 Years	

Supports:



Environment	
MTBF	50.000 hrs
Operating Temperature	0 ~ 50°C (32 ~ 122°F)
Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Relative Humidity	90% RH (50° non-condensing)

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