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AOPEN Chromebox Commercial 5

Triple 4K Display Support for Commercial Computing

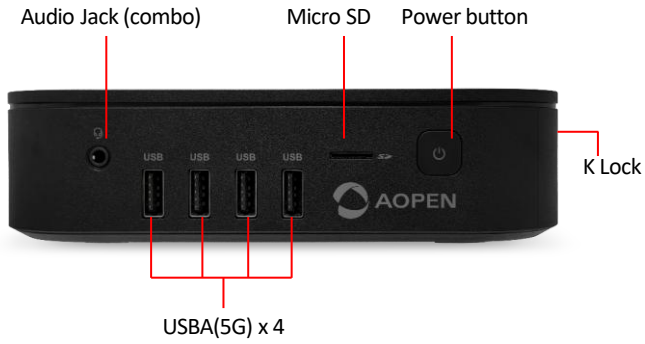
The AOPEN Chromebox Commercial 5 combines Intel® Raptor Lake Refresh Processor, available in Intel® Core™ 3 and Core™ 5 configurations, with ChromeOS to deliver secure and reliable performance in a compact 1.22L chassis (167 x 166 x 44mm). Designed for system integrators deploying digital signage, digital learning, kiosks, and corporate computing solutions, it features dual HDMI 2.1, DisplayPort 1.4, and USB-C with DisplayPort output, supporting up to three simultaneous 4K UHD displays for multimedia-rich commercial applications.

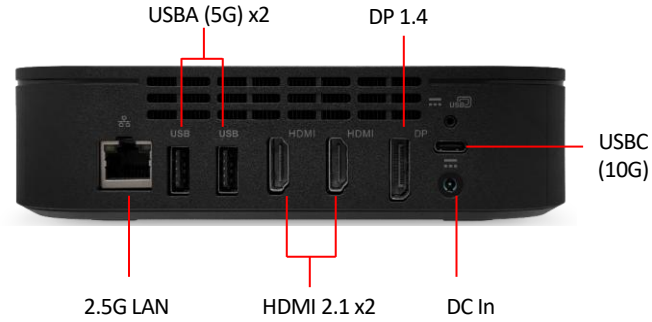
With built-in WiFi 7, Bluetooth 5.4, and 2.5GbE LAN connectivity, Google Play Store support, and ChromeOS advanced security architecture, the AOPEN Chromebox Commercial 5 enables fast, secure, and scalable deployments. Zero-Touch Enrollment, Chrome Device Management compatibility, and AOPEN enterprise services including White Glove Service, Health Service (healthd), and AC Power Auto Recovery (APAR) help simplify provisioning, management, and long-term maintenance for partners.

The advantages of the AOPEN Chromebox Commercial 5:

- Maximize productivity with the intuitive, easy-to-use ChromeOS
- Runs up to 3×4K UHD displays for digital signage and multi-screen applications
- Compact 1.22L size allows easy installation behind displays or inside kiosks
- WiFi 7, Bluetooth 5.4, and 2.5GbE LAN provide high-speed connectivity
- Stay secure and up-to-date with ChromeOS automatic updates and built-in security features
- Google Play Store support expands application flexibility
- AC Power Auto Recovery (APAR) minimizes downtime after power interruptions
- Support White Glove Service, Zero-Touch Enrollment, and Health Service (healthd)
- The solid-state design ensures reliable performance in demanding commercial environments
- The AOPEN Chromebox Commercial 5 comes with a 2 year warranty, extended warranty optional for 5 years

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AOPEN Chromebox 5

Model Name		BC5140
OS		ChromeOS
Dimension	W x H x D (mm)	167 x 166 x 44 mm (1.22L)
	W x H x D (inch)	6.57 x 6.54 x 1.73 inch (1.22L)
Weight	Net Weight	0.8 kgs / 1.76 lbs
	Gross Weight	1.72 kgs / 3.8 lbs
CPU	Type	Intel® Raptor Lake Refresh Processor, Core 3/5
Memory	Channels	Dual Channel
	Type	DDR5 SO-DIMM
	Data Rate	5600 MT/s
	Max Memory	8G (up to 16G)
Graphics		Intel® UHD Graphics, integrated on CPU Intel Iris Xe Graphics- with shared memory (i5, dual memory)
Audio		3.5 Audio Jack X1 (Combo)
LAN		Giga Lan x 1, 10/100/1000/2500 Mbps
Wireless		Intel WiFi 7 + BT5.4(BE200)
Storage	M.2 SSD	NVMe SSD x1(256G) or eMMC to M.2 Module(64G, 128G)

Front Panel I/O	Power Button	X1
	USBA (5G)	X4
	Audio Jack	X1(Combo)
	Micro SD	X1
	Others	-
Rear Panel I/O	DC-In	X1
	HDMI 2.1 Port	X2
	USBC	X1 (10G, DP+PD-in)
	USBA	X2 (5G)
	DP 1.4	X1
	2.5G LAN	X1
	Antenna Holes	-
	Kensington Lock Hole	X1
Others		VESA bracket (100 x 100 mm)
Power Supply		90W DC Adapter 19V/4.737A
Input Voltage		AC 100 ~ 240V
Environment		
MTBF		50,000 hrs
Operating Temperature		0°C ~ 40°C (32°F ~ 104°F)
Storage Temperature		-20°C ~ 60°C (-7°F ~ 140°F)
Relative Humidity		90% RH max

*Please note that product specifications are subject to change without notice

chromeOS

V1.0

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