## **Xbox One Family of Devices**

Spec Sheet







SPEC	XBOX ONE X	XBOX ONE S	XBOX ONE
Dimensions	30cm x 24cm x 6cm	29.5cm x 23cm x 6.5cm	34.3cm x 26.3cm 8cm
	8.4lbs	6.4lbs	7.8lbs
Weight			
CPU	Custom CPU @ 2.3 GHz, 8	Custom Jaguar CPU @	Custom Jaguar CPU @
GPU	cores	1.75GHz, 8 cores	1.75GHz, 8 cores
	Custom GPU @ 1.172 GHz,	Custom GPU @ 914 MHz,	Custom GPU @ 853 MHz,
	40 CUs, Polaris features, 6.0	12 CUs, 1.4 TFLOPS	12 CUs, 1.3 TFLOPS
	TFLOPS	0.00.0000000000000000000000000000000000	0.00.0000.000.001.00
Memory	12 GB GDDR5 @ 326 GB/s	8 GB DDR3 @ 68 GB/s, 32	8 GB DDR3 @ 68 GB/s, 32
	000	MB ESRAM @ 218 GB/s	MB ESRAM @ 204 GB/s
Flash	8GB	8GB	8GB
Internal Storage	1TB HDD	500GB, 1TB, 2TB HDD	500GB, 1TB HDD
Optical Disc Drive	4K UHD Blu-ray	4K UHD Blu-ray	Blu-ray
PSU	245W, Internal	120W, Internal	220W, External
HDMI resolution and	2160p @ 60Hz	2160p @ 60Hz	1080p @ 60Hz
framerate	AMD FreeSync	21000 @ 00112	10000 @ 00112
	HDMI Variable Refresh Rate		
	(when ratified)		
HDR10 Support	Yes	Yes	No
Content Protection	HDCP 2.2	HDCP 2.2	HDCP 1.4
Video CODECs	HEVC/H.265, VP9,	HEVC/H.265, AVC/H.264,	AVC/H.264, MPEG-2,
	AVC/H.264, MPEG-2, MPEG-	MPEG-2, MPEG-4 Part 2,	MPEG-4 Part 2,
	4 Part 2, VC1/WMV9	VC1/WMV9	VC1/WMV9
			102/111110
HDMI audio,	Dolby Digital 5.1, DTS 5.1,	Dolby Digital 5.1, DTS 5.1,	Dolby Digital 5.1, DTS 5.1
encoded	PCM 2.0, 5.1, & 7.1; Dolby	PCM 2.0, 5.1, & 7.1;	PCM 2.0, 5.1, & 7.1; Dolb
chooded	TrueHD w/Atmos (from	Dolby TrueHD w/Atmos	TrueHD w/Atmos (from
	games)	(from games)	games)
HDMI audio,	Dolby TrueHD (opt. Atmos),	Dolby TrueHD (opt.	Dolby TrueHD (opt.
passthru	DD+ (opt. Atmos), DTS-	Atmos), DD+ (opt.	Atmos), DD+ (opt. Atmos
passtinu	HR/MA (opt. DTS:X)	Atmos), DTS-HR/MA (opt.	DTS-HR/MA (opt. DTS:X)
	in, in (oper 2 read)	DTS:X)	2.5, (66. 2.6)
S/PDIF audio,	Dolby Digital 5.1, DTS 5.1,	Dolby Digital 5.1, DTS 5.1,	Dolby Digital 5.1, DTS 5.1
encoded	PCM 2.0	PCM 2.0	PCM 2.0
CODECs decoded	AAC, MP3, MPEG1, WMV	AAC, MP3, MPEG1, WMV	AAC, MP3, MPEG1, WMV
CODECS accoded	70 (C, 1011 3, 1011 EG1, 001010	Total, Wil 3, Wil Edd, William	7010, 1011 3, 1011 201, 001010
Wireless	IEEE 802.11ac dual band	IEEE 802.11ac dual band	Dual band 2.4GHz and
	(5GHz & 2.4GHz), 2x2	(5GHz & 2.4GHz), 2x2	5GHz spectrums,
	wireless Wi-Fi with Wi-Fi	wireless Wi-Fi with Wi-Fi	compatible with IEEE
	Direct for home networks	Direct for home	802.11/a/b/g/n networks
		networks	
Ethernet	IEEE 802.3 10/100/1000	IEEE 802.3 10/100/1000	IEEE 802.3 10/100/1000
Accessories Radio	Dedicated dual band Xbox	Dedicated dual band	Dedicated dual band Xbo
		Xbox Wireless radio	Wireless radio
	Wireless radio	ABOX WITCHESS TAGIO	
USB Port	Wireless radio 3x USB 3.0	3x USB 3.0	3x USB 3.0
			3x USB 3.0 1.4b
HDMI Out	3x USB 3.0 2.0b	3x USB 3.0 2.0a	1.4b
HDMI Out HDMI In	3x USB 3.0 2.0b 1.4b	3x USB 3.0 2.0a 1.4b	1.4b 1.4b
HDMI Out HDMI In S/PDIF	3x USB 3.0 2.0b 1.4b Yes	3x USB 3.0 2.0a 1.4b Yes	1.4b 1.4b Yes
HDMI Out HDMI In S/PDIF IR Receiver/IR	3x USB 3.0 2.0b 1.4b	3x USB 3.0 2.0a 1.4b	1.4b 1.4b
HDMI Out HDMI In S/PDIF	3x USB 3.0 2.0b 1.4b Yes	3x USB 3.0 2.0a 1.4b Yes	1.4b 1.4b Yes