

Mobility Client Platforms

Advancing PC Mobility



intel[®]

What's New at Computex

- Addition of two new 11th Gen Intel® Core™ U-series processors with Intel® Iris® Xe graphics for thin-and-light laptops: i7-1195G7 and i5-1155G7
 - First 5.0 GHz in U-series
 - Accelerate the number of designs with Intel Wi-Fi 6/6E (Gig+)
 - Expecting 60+ consumer designs with the new processors; nearly 250 OEM designs based on 11th Gen Intel® Core™ (U-series) expected by holiday
- Introduction of Intel® 5G Solution 5000
 - Intel's first 5G M.2 solution with worldwide carrier certification; follow-up to previously announced partnership with MediaTek and Fibocom
 - Acer, ASUS and HP among the first OEMs expected this year on 11th Gen Intel® Core™ U- and H-series.
 - Momentum continues in 2022 with over 30 designs expected
 - Builds on two recently announced ecosystem collaborations with China Mobile, HP and MediaTek and DoCoMo and HP

11th Gen Intel® Core™ Processors with Intel® Iris® Xe Graphics

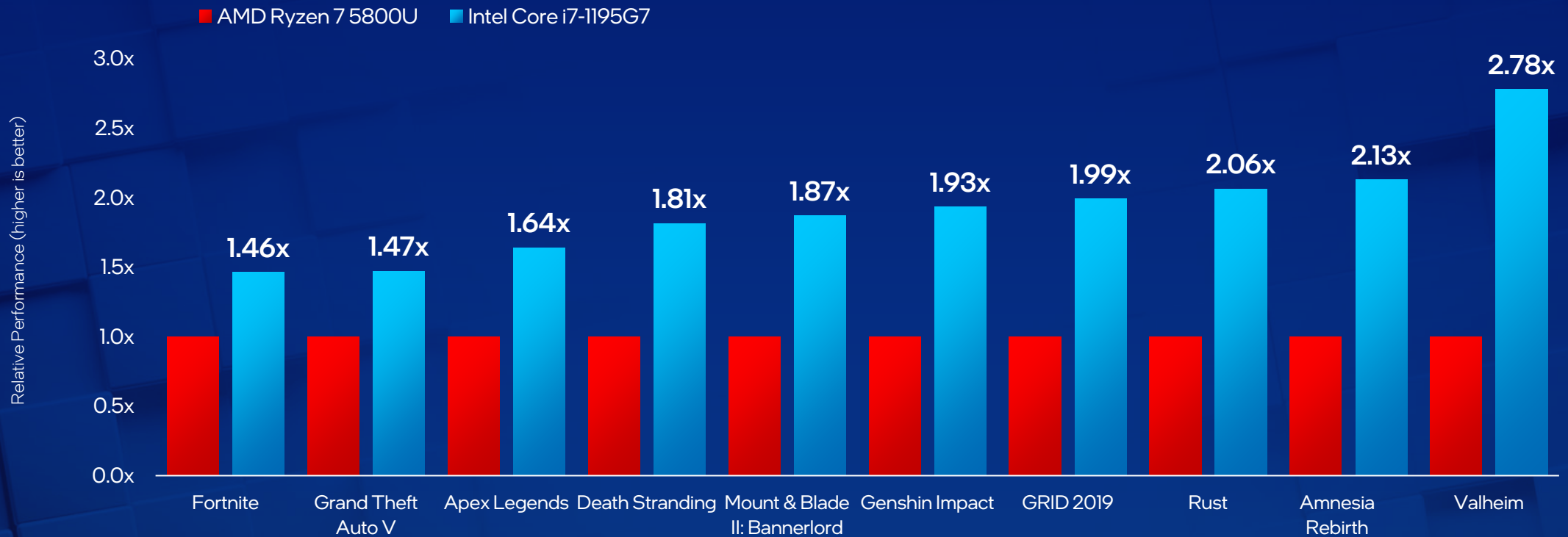
	Processor Number	Graphics	Cores / Threads	Graphics (EUs)	Cache	Memory	Operating Range	Base Freq (GHz)	Max Single Core Turbo (GHz)	Max All Core Turbo (GHz)	Graphics Max Freq (GHz)	Intel Gaussian and Neural Accelerator 2.0***
UP3	Intel® Core™ i7-1195G7	Intel® Iris® Xe Graphics**	4/8	96	12MB	DDR4-3200 LPDDR4x-4266	12-28W	2.9	5.0*	4.6	1.40	✓
	Intel® Core™ i7-1185G7	Intel® Iris® Xe Graphics**	4/8	96	12MB	DDR4-3200 LPDDR4x-4266	12-28W	3.0	4.8	4.3	1.35	✓
	Intel® Core™ i7-1165G7	Intel® Iris® Xe Graphics**	4/8	96	12MB	DDR4-3200 LPDDR4x-4266	12-28W	2.8	4.7	4.1	1.30	✓
	Intel® Core™ i5-1155G7	Intel® Iris® Xe Graphics**	4/8	80	8MB	DDR4-3200 LPDDR4x-4266	12-28W	2.5	4.5	4.3	1.35	✓
	Intel® Core™ i5-1145G7	Intel® Iris® Xe Graphics**	4/8	80	8MB	DDR4-3200 LPDDR4x-4266	12-28W	2.6	4.4	4.0	1.3	✓
	Intel® Core™ i5-1135G7	Intel® Iris® Xe Graphics**	4/8	80	8MB	DDR4-3200 LPDDR4x-4266	12-28W	2.4	4.2	3.8	1.30	✓
	Intel® Core™ i3-1125G4	Intel® UHD Graphics	4/8	48	8MB	DDR4-3200 LPDDR4x-3733	12-28W	2.0	3.7	3.3	1.25	✓
	Intel® Core™ i3-1115G4	Intel® UHD Graphics	2/4	48	6MB	DDR4-3200 LPDDR4x-3733	12-28W	3.0	4.1	4.1	1.25	✓

*i7-1195G7 SCT=5.0GHz accomplished via Intel Turbo Boost Max Technology 3.0.

**To use the Intel® Iris® Xe graphics brand, the platform must be populated with 128-bit (dual channel) memory.

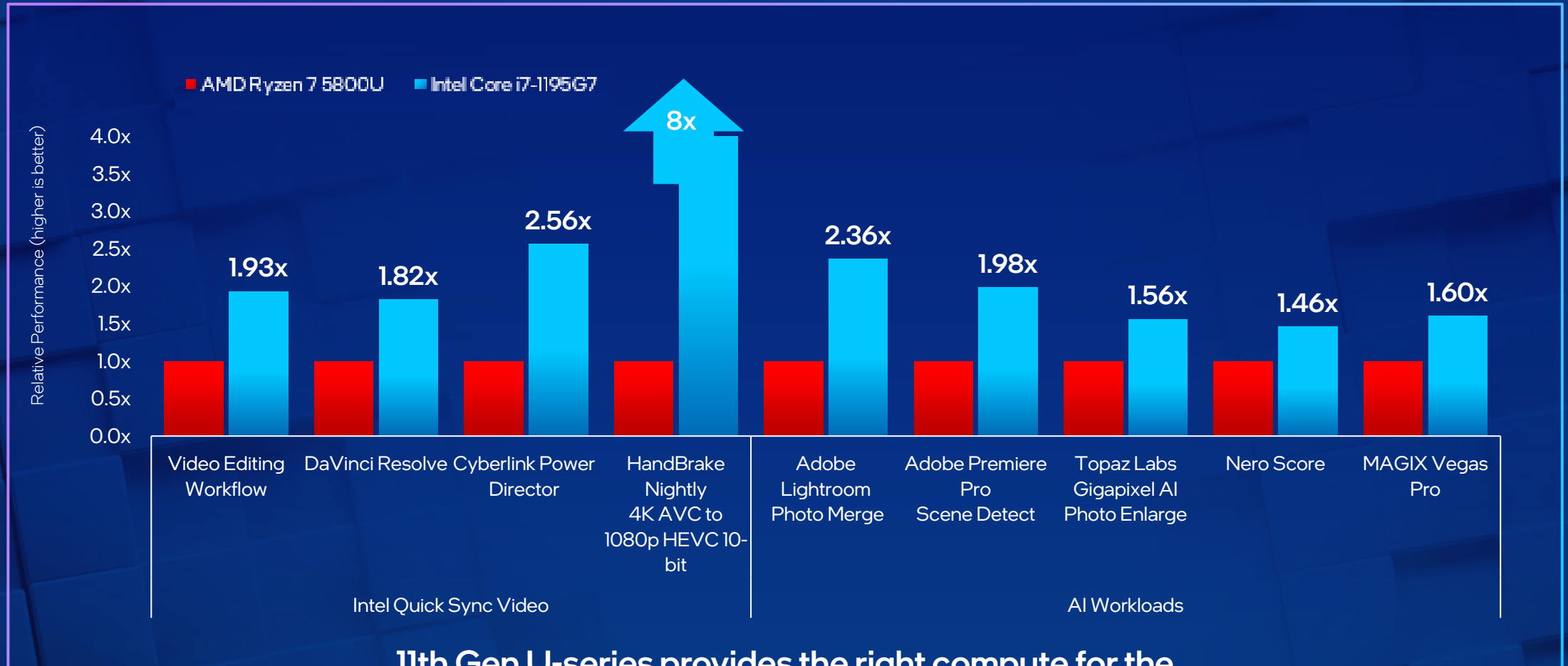
*** Platform dynamic noise suppression algorithms must be enabled for GNA to realize power benefits of offloading dynamic noise suppression from CPU to GNA.

Thin and light gaming leadership



11th Gen U-series offers casual gaming experiences that eclipse the competition.

The future of light content creation



11th Gen U-series provides the right compute for the right workload for modern content creation.

WE ARE LEADING THE INDUSTRY IN CONNECTED PCS



Full PC Windows Experience & Chrome OS



PC Performance
Leadership



Battery Life



Form Factor Options
with More Designs Coming

Connectivity:
LTE, Wi-Fi, 5G



6 GHz Wi-Fi 6E

Consumer Wi-Fi's
biggest advancement
in 20 years



Intel® Wi-Fi 6/6E (Gig+)

Best of both worlds (Legacy + New)

Many large high-speed channels



Nearly 3x faster (Gig+) Wi-Fi speeds¹

High-speed file sharing Smooth 4K streaming

Ultra-responsive surfing and gaming

Great work-from-home & remote learning experiences

Protect your PC investment Intel® Wi-Fi 6/6E (Gig+)



- Amazing 6 GHz capabilities² (when available)
- Legacy Intel® Wi-Fi 6 (Gig+) (when needed)

Learn more at
[intel.com/wireless](https://www.intel.com/wireless)

1. Performance varies by use, configuration and other factors. For details on performance claims, learn more at www.Intel.com/PerformanceIndex (connectivity).

2. Subject to regional spectrum allocation; not available in all markets.

Intel® 5G Solution 5000



Host SW by **Intel**
 Modem FW by **Mediatek**
 Module by **Fibocom**

Key Features	
Modem Technologies	5G NR/4G LTE/3G WCDMA
Form Factor, Size	M.2, 30x52x2.3mm (Single Sided)
Frequency Bands	Sub 6GHz Range (Global Coverage)
Data Throughput	NR: 4.7Gbps DL, 1.25Gbps UL LTE: 1.6Gbps Cat 19 DL, 0.150Gbps UL
eSIM	Build-in eSIM
Thermal Management	DTT
Geographical Coverage	North America, EMEA, APAC, JPN, AUS (ATT, VZW, VDF, Telefonica, CMCC, Swisscom, DT, SFB, Docomo, Orange, Sprint, CUC, CTC, Telstra, Optus, TMO, KDDI)
Operating Systems	Windows, Chrome, Linux
Host Interface	PCIe (Gen 3)
Operating temperature	-10°C to +55°C
Target Platforms	TGL, ADL

Notices and Disclaimers

Contact your Intel representative to view Appendix. www.intel.com/computex21 will be live at 7:30 pm PT on May 30 ,2021.

Performance varies by use, configuration and other factors. Learn more at www.Intel.com/PerformanceIndex.

Performance results are based on testing as of dates shown in configurations and may not reflect all publicly available updates. See Appendix for configuration details. No product or component can be absolutely secure.

Your costs and results may vary.

Intel technologies may require enabled hardware, software or service activation.

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