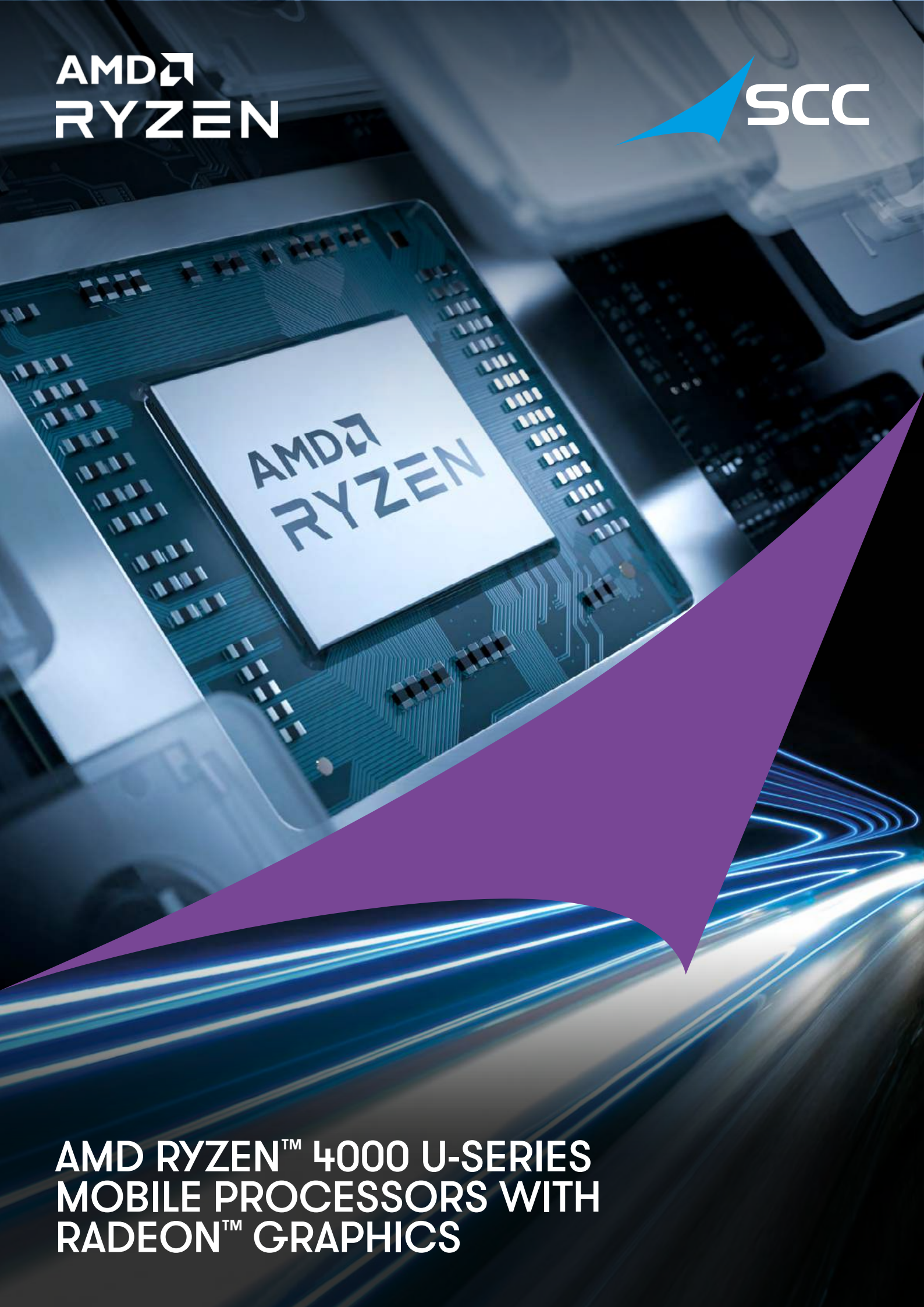
AMD RYZEN

SCC



AMD RYZEN™ 4000 U-SERIES MOBILE PROCESSORS WITH RADEON™ GRAPHICS

Most powerful meets most portable[1,2]

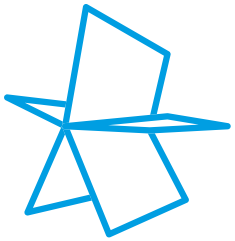
With the most cores available for ultrathin laptops[1] and responsiveness that leaps into action, AMD Ryzen™ 4000 U-Series Mobile Processors let you do more, from anywhere – faster than ever before.

AMD Ryzen™ 4000 U-Series Mobile Processors are for customers that want powerful performance and long-lasting battery in a premium ultrathin device for productivity, entertainment, content creation, or gaming on-the-go.

Key benefits

- Experience ultra-responsive performance that runs cool & quiet
- Long-lasting battery for life on-the-go, with up to 2× the power efficiency of previous gen processors[4]
- The best graphics available for ultrathin laptops[5] with AMD Radeon™ Graphics built-in
- Ultra-responsive multitasking and advanced office apps
- Image and video editing

PREMIUM ULLTRATHIN LAPTOPS



CONVERTIBLE 2-IN-1

ALL-IN-ONE PCs

AMD RYZEN™ 4000 U-SERIES SPECS AND FEATURES:

Model	Cores/Threads	Total Cache	Max Boost (up to)[6]	TDP	GPU Cores
AMD Ryzen™ 7 4800U with Radeon™ Graphics	8C / 16T	12 MB4	.2 GHz	15W	8
AMD Ryzen™ 7 4700U with Radeon™ Graphics	8C / 8T	12 MB4	.1 GHz	15W	7
AMD Ryzen™ 5 4600U with Radeon™ Graphics	6C / 12T	11 MB4	.0 GHz	15W	6
AMD Ryzen™ 5 4500U with Radeon™ Graphics	6C / 6T	11 MB4	.0 GHz	15W	6
AMD Ryzen™ 3 4300U with Radeon™ Graphics	4C / 4T	6 MB	3.7 GHz	15W	5

All enquiries online@scc.com
Contact our team 0121 766 7000
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Multi-Core Performance

More cores means more performance to accelerate everything your customers do.

7nm“ Zen2 ”C ores

More performance in a smaller 7nm design for faster processing speeds, **battery power efficiency**[4], and long-lasting battery life.

AMD Radeon™ Graphics

Whether watching the latest movie or exploring new game worlds, see it all in extraordinary detail with AMD Radeon™ Graphics in up to 4K with HDR.

Enhanced Connectivity

Your customers will enjoy confident connectedness with the latest Wi-Fi 6 technology and Bluetooth 5 connectivity[7].

Modern Features

Enhance productivity with modern features like Windows Hello*, Cortana, and Digital Pen**.

* Requires specialized hardware, including fingerprint reader, illuminated IR sensor or other biometric sensors and capable devices.
**Alta subscription required and sold separately. Pen capable tablet or PC required. Pen accessory may be sold separately.

General uplift

You can work and create faster than ever when trading up from your previous gen or 4-year-old PC.

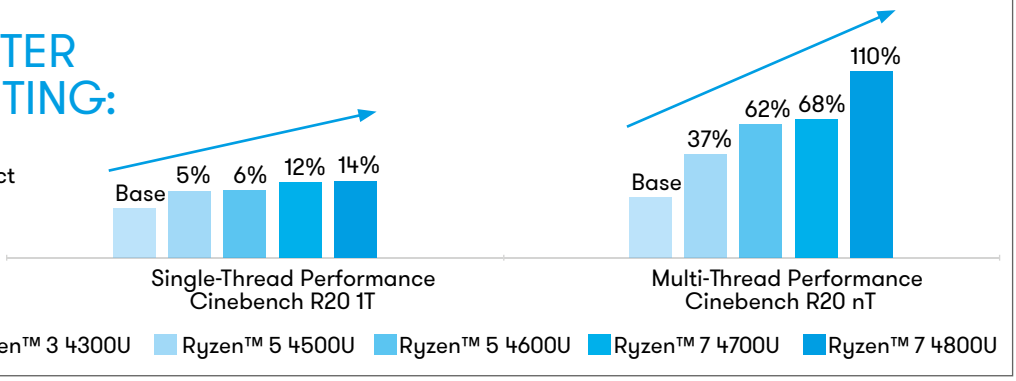
See endnotes RM3-159, RM3-162, RM3-163, RM3-164, RM3-06, RM3-10, RM3-15, RM3-51, RM3-25

AMD RYZEN™ 7 4800U compared to:	Responsiveness	Productivity	Web Browsing	Content Creation
PREVIOUS GEN Ryzen™ 7 3700U	UP TO 2X FASTER	UP TO 65% FASTER	UP TO 43% FASTER	UP TO 40% FASTER
4-YEAR-OLD PC AMD FX800P	UP TO 6.9X FASTER	UP TO 2X FASTER	UP TO 3.2X FASTER	UP TO 2.3X FASTER

STEP UP FOR FASTER OVERALL COMPUTING:

As your customers move up the AMD Ryzen™ 4000 U-Series product line, they can experience faster processing speeds for increased productivity, multitasking and heavy workloads.

See endnote RMS-25



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FOOTNOTES:
1. RM3-125 Ultrathin laptop processors defined as 15W typical TDP. As of December 20, 2019, demonstrated by Ryzen 4000 U-series mobile processor having up to 8 cores, while comparable competitive product (Intel 10th generation mobile processors) offer up to 6 cores.
2. RM3-124 Testing as of 12/19/19 by AMD performance labs.
3. RM3-05 As of January 2020, the Ryzen 7 4800 mobile processor has the "Most cores in an ultrathin laptop processor" demonstrated by Ryzen 7 4800 series mobile processor having 8 cores, while as of December 12th 2019, comparable competitive product (Intel 10th generation mobile processors) offer up to 6 cores. "Ultrathin laptop processor" defined as 15W typical TDP.
4. RM3-123 Based on AMD internal analysis, March 2020, of Ryzen 4000 series processors vs. 2nd generation Ryzen™ processors. Actual performance per watt may vary.
5. RM3-218 Testing by AMD Performance Labs as of 12/09/2019 utilizing an AMD Ryzen™ 4800U reference system, a Dell XPS 7390 system with Intel® Core i7-1065G7 processor, a Dell XPS 7390 system with Intel® Core i7-10710U processor, and a Dell XPS 7390 system with Intel® Core i7-10510U processor in
3DMark® Time Spy. Results may vary. 3DMark is a registered trademark of Futuremark Corporation.
6. GD-150 Max boost for AMD Ryzen processors is the maximum frequency achievable by a single core on the processor running a bursty single-threaded workload. Max boost will vary based on several factors, including, but not limited to: thermal paste; system cooling; motherboard design and BIOS; the latest
AMD chipset driver; and the latest OS updates.
7. Wi-Fi 6 and Bluetooth 5.0 availability varies by laptop manufacturer and are system configuration dependent. Check with your laptop manufacturer for compatibility information.
8. RM3-159 Testing by AMD Performance Labs as of 02/06/2020 utilizing the Ryzen 7 4800U vs. AMD FX8800P in Cinebench R20 1T and nT. Results may vary.
9. RM3-162 Testing by AMD Performance Labs as of 02/06/2020 utilizing the Ryzen 7 4800U vs. AMD FX8800P in PCMark 10 Benchmark. Results may vary. PCMark is a registered trademark of Futuremark Corporation.
10. RM3-163 Testing by AMD Performance Labs as of 02/06/2020 utilizing the Ryzen 7 4800U vs. AMD FX8800P in PCMark 10 Digital Content Creation. Results may vary. PCMark is a registered trademark of Futuremark Corporation.
11. RM3-164 Testing by AMD Performance Labs as of 02/06/2020 utilizing the Ryzen 7 4800U vs. AMD FX8800P in Speedometer 2.0. Results may vary.
12. RM3-06 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U vs. 2nd Gen Ryzen 7 3700U in Cinebench R20 Benchmark. Results may vary.
13. RM3-10 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U vs. 2nd Gen Ryzen 7 3700U in PCMark 10 Benchmark. Results may vary.
14. RM3-15 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U vs. 2nd Gen Ryzen 7 3700U in PCMark 10 Benchmark. Results may vary.
15. RM3-51 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U vs. 2nd Gen Ryzen 7 3700U in PCMark 10 Digital Content Creation. Results may vary.
16. RM3-25 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U vs. 2nd Gen Ryzen 7 3700U in 3DMark Firestrike. Results may vary.
Theft Auto V, and Counter-Strike: Global Offensive. Results may vary.
17. RM3-268 Testing by AMD Performance Labs as of 11/22/2019 utilizing the Ryzen 7 4800U, Ryzen 7 4700U, Ryzen 5 4600U, Ryzen 5 4500U and Ryzen 3 4300U Cinebench R20 1T and Cinebench R20 nT Benchmark. Results may vary.