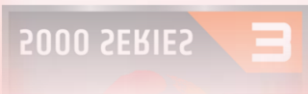
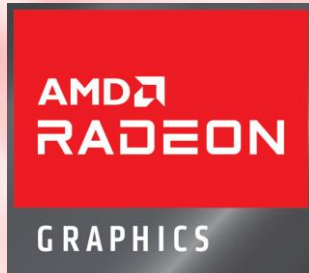


Ruby 2

Simply NUC Consumer Business Mini - CBM2r3RB



Simply **NUC**

Ruby 2 R3

Simply NUC Consumer Business Mini - CBM2r3RB



High-Speed Performance

Featuring the new AMD Ryzen™ 5300U mobile processor with Radeon™ graphics, and support for high-speed DDR4-3200 memory, Ruby 2 continues to bring unprecedented performance in a small form factor. At home, stream 4K video, play games, or finish your homework. At work, Ruby 2 keeps you productive—perfect for content creation, multitasking, and video conferencing. The new 5300U Ryzen processor will keep your Ruby 2 at peak performance when you need it, whatever the task.

Feature Rich for Versatility

Ruby 2 supports up to four 4K displays at 60Hz simultaneously. Dual Ethernet with 2.5Gbps and 1Gbps speeds allow you to connect to multiple networks, with one port providing DASH support for remote management of your fleet of Simply NUC Mini PCs. Ruby 2 also features TPM for sensitive communications where encryption is required. Take advantage of Intel® Wi-Fi 6 with high-speed connectivity, enhanced for efficient bandwidth usage in environments

with many connected devices. Ruby 2 has ample connections for all your peripheral devices with four front 10Gbps super speed USB ports plus two rear high-speed USB Type-A ports. Further enhance your I/O layout with lid expansions bringing RS-232, dual-HDMI or additional USB ports to accommodate your complex system designs. Paired with your choice of RAM, SSD and OS, Ruby 2 is ideal for a home office or entertainment system, an office PC or even an entry-level gaming rig, giving you the versatility you deserve.

Efficient by Design

The new 5300U processor in Ruby 2 gives you unrivalled performance in a small 4"x4" package with little power consumption, making it the perfect device to drive up your productivity while driving down operating costs. Upgrade your compute power today with Ruby 2 from Simply NUC.

Features

- AMD® Ryzen™ R3-5300U CPU
- AMD® Radeon™ Graphics
- 2x DDR4-3200 SO-DIMM Sockets
- 1x M.2 22x80 M-key supporting x4 PCIe Gen 3 or SATA SSDs
- 1x M.2 22x80 M-Key supporting SATA SSDs
- 1x HDMI 2.0a
- 1x DisplayPort 1.2a
- 2x USB-C (Alt-DP)
- 2x USB 3.2 Gen2 Type-A
- 2x USB 2.0 Type-A
- TPM (Infineon 2.0)
- 3.5mm stereo headset jack
- Kensington Lock support
- VESA Mount Included
- 19VDC, 90W Power Supply Included
- Extended Service Support (1-, 3-year)



Customization

- Primary storage up to 8TB Gen3 NVMe or 2TB SATA SSD
- Secondary storage up to 2TB SATA SSD
- Memory up to 64GB
- Replaceable Lids
- OS options: Windows 10 Home & Pro, Windows IoT, Ubuntu



THINK BIG, go mini

Technical Specification

Processor	AMD® Ryzen™ R3-5300U 4C/8T 2.6GHz-3.8GHz Boost 4MB L3 Cache 15W TDP
Graphics	AMD® Radeon™ Graphics up to 1.5GHz 4x 4K Displays Supported via: 1x HDMI 2.0b + 1x DisplayPort 1.2a + 2x USB-C (Alt-DP)
Memory	Dual DDR4-3200 SODIMMs 1.2V 64GB Max
Storage	1x M.2 22x80 socket supporting PCIe x4 Gen 3 NVMe available from 256GB to 8TB or SATA SSD from 256GB to 2TB 1x M.2 22x80 socket supporting SATA SSD from 256GB to 2TB
Peripherals	Intel Wi-Fi 6 AX200 (802.11ax) + Bluetooth 5.1 1x Realtek 2.5Gb LAN (RTL8125BG) 1x Realtek 1Gb LAN (R8111FPV + DASH) 2x Front USB 3.2 Gen2 Type-A 2x Front USB 3.2 Gen2 Type-C 2x Rear USB 2.0 Type-A
Chassis	115x115x49mm Kensington Lock support VESA Mount Kit Support
Expansion	2x USB 2.0 Headers 1x COM Header (RS-232/422/485) Replaceable Lid
Audio	3.5mm Front Stereo Headset Jack 7.1 Multichannel Digital Audio via HDMI
Power	12-19VDC Input Supply Range 19VDC, 90W Power Supply Included

Certifications and Regulations

Safety Regulations and Standards	IEC 62368-1 EN 62368-1 CAN/CSA 62368-1
EMC/RF Regulations & Standards	FCC CFR Title 47, Chapter I, Part 15, Subparts. B EN 55024 EN 55032 EN 55035 CISPR 32 ICES-003 ETSI EN.301 489-1 ETSI EN.301 489-17
Environmental Regulations	RoHS Compliant REACH Compliant
Certified Operating Systems	Windows 10 (Pro and Home) Windows IoT Linux (Ubuntu)
Environmental Operating Temp etc.	0°C to +40°C Non-Condensing Humidity