

AMD Ryzen™ 5 PRO 4650GE

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General Specifications

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|-------------------------------------|---|
| Platform: | Desktop |
| Product Family: | AMD Ryzen™ PRO Processors |
| Product Line: | AMD Ryzen™ 5 PRO 4000 Series Desktop Processors |
| Former Codename: | "Renoir" |
| # of CPU Cores: | 6 |
| # of Threads: | 12 |
| Max. Boost Clock ⓘ: | Up to 4.2GHz |
| Base Clock: | 3.3GHz |
| L1 Cache: | 384KB |
| L2 Cache: | 3MB |
| L3 Cache: | 8MB |
| Default TDP: | 35W |
| Processor Technology for CPU Cores: | TSMC 7nm FinFET |
| Unlocked for Overclocking ⓘ: | No |
| CPU Socket: | AM4 |
| Thermal Solution (MPK): | Wraith Stealth |
| Max. Operating Temperature (Tjmax): | 95°C |
| Launch Date: | 7/21/2020 |
| *OS Support: | Windows 11 - 64-Bit Edition Windows 10 - 64-Bit Edition RHEL x86 64-Bit Ubuntu x86 64-Bit *Operating System (OS) support will vary by manufacturer. |

Connectivity

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|------------------------------|---------------|
| PCI Express® Version: | PCIe® 3.0 |
| System Memory Type: | DDR4 |
| Memory Channels: | 2 |
| System Memory Specification: | Up to 3200MHz |

Graphics Capabilities

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|----------------------|------------------|
| Integrated Graphics: | Yes |
| Graphics Model: | Radeon™ Graphics |
| Graphics Core Count: | 7 |
| Graphics Frequency: | 1900 MHz |

Product IDs

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|------------------|------------------|
| Product ID Tray: | 100-000000153 |
| Product ID MPK: | 100-100000153MPK |

Key Features

| | |
|-------------------------|----------------------|
| Supported Technologies: | AMD PRO technologies |
|-------------------------|----------------------|

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