

# AMD and IGEL optimize the AMD Ryzen™ embedded R1505G system-on-chip for the IGEL UD3

IGEL's steadfast commitment to designing next-generation endpoint architecture is epitomized in the new IGEL UD3 endpoint device. AMD optimized the AMD Ryzen embedded R1505G SoC with Radeon™ Vega 3 Graphics specifically for the IGEL UD3, offering uniquely efficient operation and performance. The IGEL UD3 offers advanced security, flexible connectivity options and versatility to empower users to achieve a secure, high performance computing experience in cloud and VDI workspace environments across all industries.

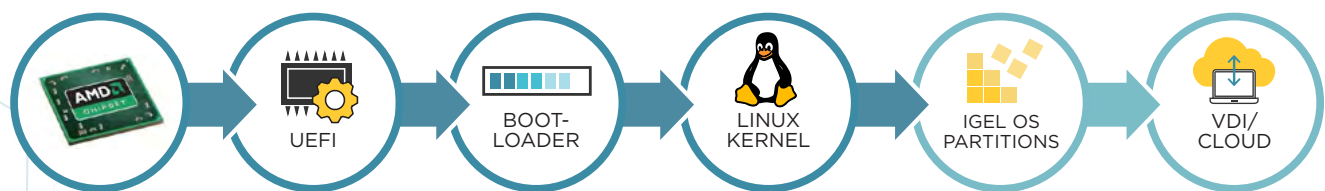
## Maximum Energy Efficiency

To conserve energy consumption, IGEL took this extra step with AMD to ensure consistently low power usage on the UD3. The IGEL AMD SoC variant runs on a lower thermal design power (TDP) of 10 watts at 2.0GHz up to 2.7GHz boost frequency as opposed to the standard 12-15 watts while maintaining its maximum performance, reducing energy costs and environmental impact. IGEL is the only endpoint device manufacturer to take this extra measure with AMD.

## AMD Secure Processor

IGEL's next-generation architecture in the UD3 combines AMD Secure Processor hardware-based security with an extensive set of OS-level security measures to ensure system integrity at all times. The IGEL UD3 with the AMD Ryzen Embedded R1505G SoC is capable of providing an end-to-end "chain of trust" starting at the processor level, checking UEFI authenticity before proceeding to the next steps to ensure system-wide integrity all the way to the server or cloud platform. This innovative security framework validates each discrete step of the endpoint boot and workspace execution processes.

## IGEL Chain of Trust starts at the processor level with AMD Secure Processor



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