SMARC

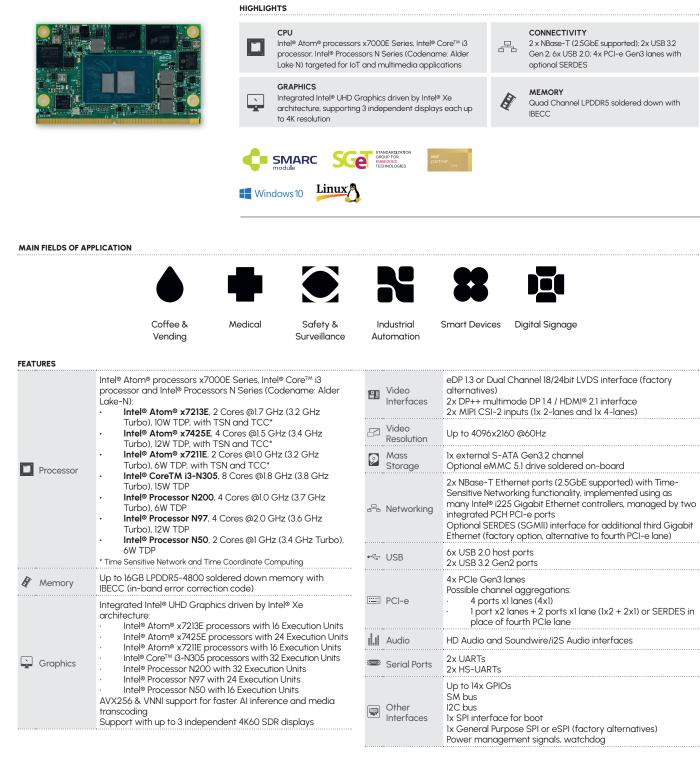


SOM-SMARC-ADL-N

SMARC[®] Rel. 2.1 compliant module with Intel[®] Atom[®] processors x7000E Series, Intel[®] Core[™] i3 processor, Intel[®] Processors N Series (Codename: Alder Lake-N)

Power efficient deep learning inference and UHD media processing within a small footprint for video-and imaging-intensive applications





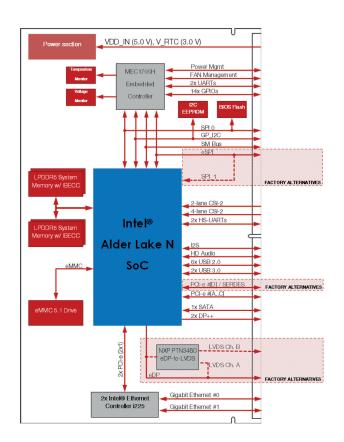


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FEATURES				
Powe Supp	er ly	+5V $_{\rm DC}$ and +3V $_{\rm DC}$ for RTC	L Dimensions	50 x 82 mm
os Syste	ating em	Microsoft® Windows 10 Linux Kernel LTS	*Measured at any point of SECO standard heatspreader for this product, during any and all times (including start-up). Actual temperature will widely depend on application, enclosure and/or environment. Upon customer to consider application-specific cooling solutions for the final system to keep the heatspreader temperature in the range indicated.	
Oper Temp	ating perature*	0°C to +60°C (Commercial version)		

BLOCK DIAGRAM





Streamline and expedite your edge computing implementations

EDGEHOG OS

A flexible operating system that adapts to your needs, thanks to the customization tool and Docker support. Reliability and security are built-in through a dual-partition system and native integration with Exein's robust AI-based protection.

DEVICE MANAGER

PORTAL

Update, configure, and manage remote devices. Optimize time and costs to maximize operational efficiency and security without the need for costly field interventions.

DATA ORCHESTRATION

Integrate third-party services, simplify data flows and analysis, and enhance business efficiency by enabling easy and fast utilization of AI. Analyze data from remote devices, customize the user experience with applications tailored to user needs, and manage user rights, company access, and tenant privileges.



