



4x LAN Ports



RSQ Series

Rugged Industrial Fanless Box PCs for Next-Generation Applications

RSQ Series (Rugged Square Box PC)

RSQ10 / FG

-20°C ~ 60°C, 9~36V

Intel® Atom® Processors (Elkhart Lake)

Support 2x USB3.0

Support DDR4 up to 16GB

Tiny system size in
100mm x 100mm x 40mm/95mm

Support 2x 2.5 GbE(Basic)

RSQ10-FG: Expanded 4 LAN Ports

RSQ-11(NUC)

-20°C ~ 50°C, 9~36V

Intel® Atom® Processors (Amston Lake)

Support 2x USB3.0

Support DDR5 up to 16GB

Tiny system size in
110mm x 110mm x 50mm

Support 2x 2.5 GbE

Support Dual Display (2x HDMI)



Fanless Aluminum Chassis
Industrial-grade fanless design for harsh environments



High-Performance Computing
High-performance computing with efficient thermal management



IoT Integration Support
Multiple I/O ports for connectivity & expansion



Durability In Harsh Conditions
Wide temperature & shock resistance

SQ Series

Compact Fan-cooled Box PC for Reliable Performance In Industrial Applications

SQ Series (Square PC – Commercial Grade)



Compact & Space-saving
design for commercial & office environments



Cost-effective & Reliable
solution for standard computing needs



Energy-Efficient
performance



Flexible Configurations
for various business applications



SQ11

0°C~40°C, 12V

Intel® Alder Lake-N100

DDR4 SO-DIMM 8GB

Support 2.5GbE

Support WiFi 802.11b/g/n/ac/ax and BT5.0

Support 2x full function Type-C,
4x USB3.2, Audio, 2x HDMI

Support Triple Displays

SQ13

0°C~40°C, 12V

Intel® Alder Lake-N100

DDR4 SO-DIMM 8GB

Support 1GbE & 2.5GbE

Support WiFi6 AX200/AS201
802.11b/g/n/ax and BT5.0

Support 1 x full function Type-C,
2x USB3.2, 2x USB3.0

Support Triple Displays



UP **65~70°C**
by customization



-20°C

New features of Amston Lake

Up to 8 e-cores in 6-12W BGA package

P2P compatible with Alder Lake N

TCC and TSN support

Extended Temperature (DTR=+-110 °C)

LPDDR5 with IBECC

Performance Comparable to Core i3

Average CPU Mark

• Turbo Speed: 3.6GHz
• Core: 8
• Typical TDP: 12W

11144

Amston Lake x7835RE

• Turbo Speed: 4.4GHz
• Core: 6 & Thread: 8
• Typical TDP: 15W

9643

Alder Lake Core i3-1215UE

3000 6000 9000 10000

+50°C

UNIT:mm

RSQ10  100(L)x100(W)x40(H)	Intel® Elkhart Lake x6000E Series	On Board LPDDR4 up to 16GB, 3200 MT/s One memory channel, 64bit with In-Band ECC	-eMMC 5.1 onboard flash 64GB up to 256 GB -M.2 M Key 2242 SATA SSD up to 512GB	-2x USB 3.2 -2x 2.5GbE -1x DP	Fanless
RSQ11  110(L)x110(W)x50(H)	Intel® Amston Lake x7000RE Series	DDR5 SO DIMM 8GB/16GB (option)	-eMMC 64G/128G/256G(option) -M.2 M Key 2242/2280 PCIe x4 /SATA SSD up to 1TB	-2x USB 3.0 -2x HDMI -2x 2.5GbE	

RSQ Series :Industrial Applications



Factory Automation



Transportation & Logistics



Edge Computing & AI Vision



Energy & Utilities

UNIT:mm

SQ11  117(L)x111(W)x30(H)	Intel® Alder Lake N100	DDR4 SO-DIMM: 8G	M.2 2280 PCIe 256G SSD	-4x USB 3.2 Gen2(Data), -2x USB Type-C full function -2x HDMI 2.0 (4K@60Hz) -1x 2.5GbE	Active
SQ13  131(L)x131(W)x43(H)		DDR4 SO-DIMM: 8G		-2x USB 3.2 Gen2(Data) -2x USB Type-A 3.0 -1x USB Type-C full function 1x Standard -1x HDMI 2.0 (4K@60Hz) -1x 1GbE & 1x 2.5GbE	

SQ Series :Commercial Applications



Retail & POS Systems



Digital Signage & Kiosks



Smart Office & Collaboration



Healthcare & Education



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