



## AGS103T – Compact IoT Fanless System



The AGS103T is a compact fanless IoT system using an Intel® Atom x6000E processor. This rugged unit has an extended operating temperature range of -20°C to 70°C, four COM ports, two USB 3.1 and two USB 2.0 ports. This is a great solution for factory automation, IoT gateway and automatic control systems.

### SPECIFICATIONS

<b>CPU</b>	Intel® Atom® x6414RE/x6212RE Series Processors
<b>Memory Type</b>	DDR4-3200 SO-DIMM
<b>Memory Slots</b>	1
<b>Maximum Memory Supported</b>	16GB
<b>Chipset</b>	Integrated in SoC
<b>Integrated Graphics</b>	Intel® UHD Graphics
<b>Video</b>	1 x DVI-I, 1 x HDMI
<b>LAN Ports</b>	3 x Intel® I210IT GbE LAN
<b>GPIO Interface</b>	1 x 4-in & 4-out GPIO
<b>TPM</b>	TPM (2.0)
<b>Expansion</b>	1 x Full-Size Mini PCIe (USB 2.0), 1 x Full-Size Mini PCIe (USB 2.0 + SATA), 1 x M.2 B-Key (USB 3.0 + PCIe)
<b>Storage</b>	1 x Mini PCIe (mSATA SSD), 1 x 2.5" SSD (AGS103TS Model)
<b>Extended Interface</b>	2 x RS232/422/485 Ports, 2 x Antenna Holes, 1 x Line-out/Mic-in, 2 x SIM Card Slots
<b>Rear I/O</b>	1 x DVI-I + 1 x HDMI, 2 x USB 3.1, 2 x USB 2.0, 3 x LAN Ports, 4 x LED Indicators, 1 x Power Button, 1 x 3-pin DC-In Terminal Block, 2 x Antenna Holes, 2 x RS232/422/485 Ports, 1 x GPIO
<b>Audio</b>	Realtek ALC888S HD Audio
<b>Power Requirement</b>	DC input 9 ~ 36V (3-pin terminal block)
<b>Dimensions</b>	AGS103T: 218mm(W) x 110mm(D) x 52mm (H) w/ Wall-Mount Kit, AGS103TS: 218mm(W) x 110mm(D) x 73mm (H) w/ Wall-Mount Kit
<b>Operating Temperature</b>	-20°C~70°C (-4°F~158°F)
<b>Storage Temperature</b>	-40°C~85°C (-40°F~185°F)
<b>Shock</b>	Operating: 30G/11ms Duration, Non-Operating: 40G/11ms Duration
<b>Relative Humidity</b>	5~90% @ 60°C, (Non-Condensing)
<b>OS Software Supported</b>	Windows 10 64-bit, LINUX Ubuntu (64-bit)

## Ordering Options

AGS103T-6414RM (SKU# 1707634A): Fanless DIN-rail System w/ Intel® Atom Processor x6414RE, w/o power adapter  
AGS103TS-6414RM (SKU# 1707634B): Fanless DIN-rail System w/ Intel® Atom Processor x6414RE, w/o power adapter, with 2.5" storage slot  
AGS103T-6212RM (SKU# 1707634C): Fanless DIN-rail System w/ Intel® Atom Processor x6212RE, w/o power adapter  
AGS103TS-6212RM (SKU# 1707634D): Fanless DIN-rail System w/ Intel® Atom Processor x6212RE, w/o power adapter, with 2.5" storage slot

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