

ARS-2510

EN50155 Intel® Core™ i7 Fanless Box PC



Features

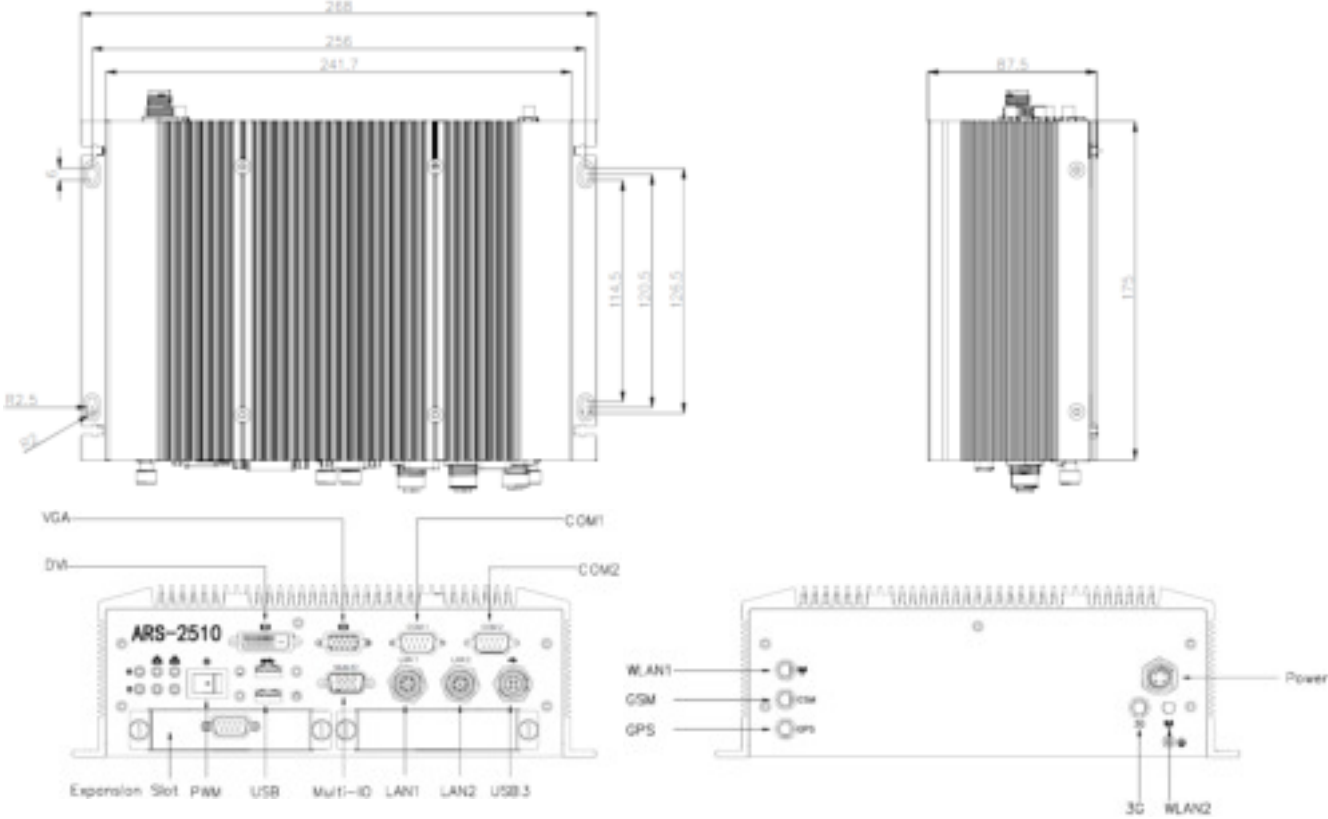
- 5th Generation Intel® Core™ i7 5510U Processor
- Dual Independent Display: VGA and DVI-D
- M12 Connector for Ethernet and USB (optional)
- MiniPCIe expansion slot (Mini-PCIe 3.0, Mini-PCIe 2.0, Mini-PCIe 1.0)
- RS-485 Support (optional 200m)
- eNuc™ for Embedded
 - Power Input Range: 60W to 140W (12V/10A to 40V/3.5A)
 - Temperature: 0°C to 45°C (32°F to 113°F) (max)
 - 0% Humidity (optional)
- eNuc™ I/O Embedded Sensors
- ECU/3V6 Body Mount Class B
- RoHS Compliant

Specification

Computing system	CPU	Intel® Core™ i7-5510U
	Max Speed	Intel Core™ i7-5510U (2.6GHz with Turbo Frequency)
	L3 Cache	4 MB
	System Clock	Intel QM77
	BIOS	AMT (optional)
Storage	Memory	DDR3 16GB/8GB/4GB, 16GB/8GB/4GB (optional)
Graphics	Interface	mSATA, SATA, USB3.0, FireWire (optional)
	Chipset	Intel QM77, Intel HD Graphics 5500
	Graphic Engine	Intel HD Graphics 5500 (optional)
	Max Resolution	1920x1080 (optional)
Ethernet	LAN1	10/100/1000 Mbps (RJ-45) (optional)
	LAN2	10/100/1000 Mbps (RJ-45) (optional)
	WiFi	802.11n/b/g/n (optional)
	GPS	GPS (optional)
	WWAN	WWAN (optional)
Expansion I/O	COM1/COM2	COM1/COM2 (optional)
	USB	USB 3.0/2.0/1.1 (optional)
	FireWire	FireWire (optional)
	Expansion	Expansion (optional)
Audio	Interface	Headset/Line In/Out (optional)
I/O Interface	Serial Port	RS-485/RS-422/RS-485 (optional)
	USB Interface	USB 3.0/2.0/1.1 (optional)
Expansion PC	Optional Module	Optional Module (optional)
Software	Operating System	Windows 7, Windows 8 (optional)
	Linux	Linux (optional)
	AP	Android (optional)
	Industrial	Industrial (optional)
Power	Connector	M12 with Pin
	Power Input Voltage	12Vdc, 24Vdc, 48Vdc, 110Vdc (optional)
Physical Characteristics	Construction	Aluminum Housing
	Dimensions (W x H x D)	208 x 100 x 40 mm
	Weight	1.2 kg (2.6 lb)
Environment	Operating Temperature	0°C to 45°C (32°F to 113°F) (max)
	Storage Temperature	-40°C to 30°C
	Relative Humidity	5% to 95% (non-condensing)
Connectivity	Mounting Bracket	M12, D-Sub, BNC (optional)
	Factory Default	eNuc™ Embedded
	GPIO	GPIO (optional)
	Switch Controller	GPIO (optional)
Other	Warranty	3 years (optional)

Note: Product specifications are subject to change without notice. Please refer to the latest specification for details.

Dimensions



Ordering Information

Voltages	Part Number	Processors	DDR3L 4G	mGATA 32G	VGA	DVI	Dual LAN	Dual COM	Dual USB	Audio	GSMA-R	3G	WIFI	GPS
24V	ARS-2510T4-1V1	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-1V2	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-1V3	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
48V	ARS-2510T4-2V1	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-2V2	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-2V3	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
48V	ARS-2510T4-3V1	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-3V2	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-3V3	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
120V	ARS-2510T4-1V1	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-1V2	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	ARS-2510T4-1V3	i920T4-4000-1E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Optional Modules

Part Number	Optional Description
AD4-32G-1000V1	64 GB SSD module w/ 300GB ARS-2510T4-2V1-3
AD4-32G-1000V2	64 GB SSD module w/ 300GB ARS-2510T4-2V1-3
AD4-32G-1000V3	64 GB SSD module w/ 300GB ARS-2510T4-2V1-3

Advantech provides customized services for expansion modules with the following:

- For sales inquiries or further information, please contact us at la.160@advantech.com.tw