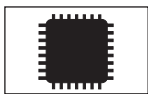
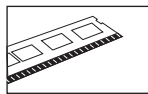


NIS-928

Intel® Atom™ Cedar Trail low power, high performance, rigorous reliability, rich I/O industrial PC



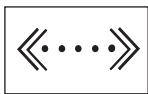
Intel® Atom™ Cedar Trail



SODIMM DDR3 1066



VGA



Gigabit LAN



Fanless

Features

- Intel® Atom™ Cedar Trail processor N2600 / 2800
- Onboard 2GB DDR3
- Intel®3600 series graphic media accelerator
- VGA, 4*USB, 8*COM
- RS-485 with Magnetic isolation, isolated voltage 4KV, RS-232 with surge protection
- Cfast card
- Extended voltage 9-30V input, with surge protection and reverse power protection, EFT grade: 4KV
- Intel dual GbE LAN, optional WIFI/3G wireless network
- Overall computer ESD +15KV

Specification

Processor	CPU	Intel® Atom™ Cedar Trail processor N2600 / 2800
	FSB	800 / 1066MHz
	Chipset	G82NM10
	BIOS	System BIOS: SPI BIOS
Memory	Architecture	DDR3 -800MHz
	Capacity	Onboard 2GB memory
	Socket	N/A
Display	Graphic Controller	Intel®3600series graphic media accelerator
	LCD	N/A
		N/A
	LVDS	N/A
		N/A
	DP	N/A
		N/A
	HDMI	N/A
		N/A
VGA	1* Db15 standard connector Max. Resolution: 1920 * 1200	
Dual Display	N/A	
LAN	Controller	LAN 1: Intel 82583 V GbE Lan LAN 2: Intel 82583 V GbE Lan
Audio	Controller	Realtek HD ALC662 audio decoder (Line-out + Mic)
Super I/O	Controller	SMSC3114*2
H/W Monitor	Watch Dog Timer	Timer 1 - 255 sec./min., support system reset
	Smart Fan	N/A
TPM	Controller	N/A
I/O	USB	4* USB 2.0/1.1 compatible
	Serial Port	8* RS-232 (COM-COM4: RS-485 optional)
	Parallel Port	N/A
	PS/2	N/A
	GPIO	6-in 6-out
	IR	N/A
Expansion	PCIeX16	N/A
	PCIeX4	N/A
	PCIeX1	N/A
	PC104	N/A
	PCI	N/A
	Mini-PCIe	1* Mini-PCIe socket + 1* standard SIM card socket
Storage	SATA	1* SATA (1xSATA-POWER)
	IDE	N/A
	SSD	N/A
	SD Card	N/A
	Compact Flash	1* Cfast card
Power	Power Type	DC +9-36V
	Power Consumption	Typical Power: 12W
Environment	Operating Environment	-20°C ~ 60°C
	Storage Environment	-40°C ~ 85°C
	Operating Humidity	10% ~ 90% relative humidity, non-condensing
	Storage Humidity	10% ~ 90% relative humidity, non-condensing
Form Factor	Dimensions	185 mm * 127mm * 56.5mm (L*W*H)
	Weight	1.28Kg
Regulatory Compliance		FCC, CE, RoHS compliant

Ordering Information

NIS-928-N2600

Intel ATOM N2600-1.6GHz dual core processor with 2GB DDR3, VGA, 8*COM, 4USB, 2*LAN, WIFI, 12bit GPIO

NIS-928-N2800

Intel ATOM N2800-1.86GHz dual core processor with 2GB DDR3, VGA, 8*COM, 4USB, 2*LAN, WIFI, 12bit GPIO

