PRO-2000

Based on Intel Atom Processor Multiple USB & Serial Port Fanless Barebone

Based on Intel Atom low power high performance process platform, PRO-2000 is a fanless barebone adopting Norco's patented "ICEFIN" technology. It supports 6x USB ports, 10x serial ports and multiple storage mode, tailored for industrial applications that required multiple USB and multiple serial ports. With the Intel Atom D510 platform, the CPU built-in graphic controller supports LVDS+VGA independent dual-display. This PRO-2000 features high strength carton steel case, low power consumption, high performance, dustproof, low-radiation, strong electromagnetic compatibility makes a priority solution for power sector, transportation, E-police, ferrous metallurgy, petrochemical, electromechanical, medicine, CNC, industrial furnace, military, scientific research and etc.

Features:

◆ Adopts fanless mute cooling design, no-noise

◆ Onboard low power, high performance Intel Atom D510 processor, integrated Intel Pineview-M/D+ICH8M chipset

◆ Onboard 1GB DDR2 667MHz memory

◆ Provides 1x DB15 VGA, 1x DB26Pin LVDS, support VGA+LVDS independent dual-display

◆ 1x Mini-IDE, 2xSATA, 1x CF slot, providing multiple storage mode

◆ Provide up to 6x USB2.0, 10x RS232 serial port, COM7~10 support RS422/RS485 and RS232, select via jumper cap is enable;

◆ 24x GPIO, 8x IN, 16x OUT, input/output level 5V, low level output drive capability adjustable

Specifications:

Model		PRO-2000
Platform		Intel
Chassis	Color	black
	Dimensions	204mmX210mmX99.9mm (W×D×H)
	Material	high strengthen carbon steel chassis
Motherboard	Model	BPC-7878
	Processor	Intel Atom D510
	RAM	onboard 1GB DDR2 667MHz memory
	Graphic Controller	CPU integrated
Storage	SATA	1x 7Pin standard socket(with white power socket), 1x 2.5'' hard disk bay
	Mini-IDE	1x
	CF	1x CF card slot
Features	Internet	10/100/1000Mbps, 2x RJ 45
	USB	6x USB2.0
	Serial Port	10x RS232 DB9 COM ports: COM7-10 support RS485/422, COM3-4 could be transferred to 2x DB15 VGA
	Display	1x single channel 18bit LVDS, 1x standard DB15 VGA
	PS/2	1x KB/MS
	GPIO	24x GPIO, 8x IN, 16x OUT
	Cooling System	Fanless
	Audio	1xMic-in, 1x Line-out
	Indicator	power indicator, HDD indicator
	System Control	power switch, reset switch
PWR Supply	Power Supply	DC: 12V+-5%
Reliability	Installation	desktop or wall-mounted
	Operating Temperature	-20℃ ~ 60℃
	Storage Temperature	-40℃ ~ 80℃
	Relative Humidity	5% ~ 95% relative humidity, no condensing
	Operating Vibration	0.5g rms/5~500Hz/random at operating conditions
	EMC	CE/FCC Class B