

## PAR-2200D

**PAR-2200D** is an Intel® Atom™ N270 fanless embedded computer which supports dual display DVI and VGA, along with support for up to 4 COMs, CF, SATA, and a power input of 12V/24V.

**Product Name:** PAR-2200D / Pipal 2200D  
**Part Number:** PAR-2200D-120 / PAR-2200D-130



### Specifications

<b>Fanless Platform</b>	Low power, low operation temperature Fanless platform with active cooling
<b>Form Factor</b>	DIN rail heavy-duty steel embedded platform
<b>Dimensions</b>	56.5mm (W) X 180 mm (H) X 130mm (D)
<b>Processor</b>	Intel® Atom N270 1.6 GHz low power processor 437 pins package, 533 MHz FSB, 512KB L2 Cache
<b>Chipset</b>	Intel® 945GSE North & ICH 7-M South Bridge Chipset
<b>Memory</b>	1 SODIMM Socket, up to 2 GB, 533 MHz DDR 2 Memory
<b>BIOS</b>	AMI BIOS, Supports Power On After Power failure
<b>Disk Drive Storage</b>	1 channel SATA interface, 1 internal CF module slot
<b>Ethernet</b>	1 Realtek 8111 100/1000 Mbps LAN interface with Wake-On-LAN & DMI
<b>Watchdog Timer</b>	Programmable WDT from 1 to 255 seconds
<b>Display Function</b>	24 bit DVI-I dual display interface Supports DVI + VGA with DVI-I to DVI and VGA Y cables
<b>Keyboard &amp; Mouse</b>	Supports PS/2 type keyboard and mouse interface Supports keyboard and mouse Y type cable
<b>Hardware Monitor</b>	Monitors voltage and temperature
<b>RTC &amp; CMOS RAM</b>	Real Time Clock, 256 bytes CMOS RAM built-in chipset
<b>Audio</b>	ALC655 Codec
<b>RS-232/485</b>	1 DB-9 RS-232/485 and 3 DB-9 RS-232 Optional support DC output
<b>Front Panel Extend I/O</b>	Screw-Lock DC 12V power input, 2-pin connector 1 DB-9 for RS-232/485, 3 DB-9 for RS-232 1 DVI-I dual display interface (DVI & VGA) 1 Line-in, 1 Line-out, 1 Speaker out USB x 2, 1 RJ-45 100/1000 Mbit LAN connector 1 PS/2 keyboard and mouse connector Power switch button
<b>Internal I/O Interface</b>	1 CF slot, 1 SATA storage interface Up to 4 D-In, 4 D-Out internal connector 1 pin header audio interface, Mic-in, Line-in, Line-out
<b>Power Supply</b>	<b>PAR-2200D-120:</b> DC 12V <b>PAR-2200D-130:</b> DC 24V
<b>Power ON/OFF Mode</b>	AT or ATX Power ON/OFF mode
<b>Environment</b>	<b>Operation Temperature:</b> -20°C to 45°C (-4°F to 113°F) <b>Storage Temperature:</b> -20°C to 80°C (-4°F to 176°F) <b>Relative Humidity:</b> 10% to 90% (Non-condensing)
<b>Certification</b>	CE Class A, FCC Class A
<b>Technical Support</b>	Free technical support

### FEATURES

- ✓ Intel® Atom™ N270  
1.6 GHz Processor, 533 MHz FSB
- ✓ Intel® 945GSE North and  
ICH 7-M South Bridge Chipset
- ✓ DDR 2 memory SODIMM,  
up to 2 GB without ECC
- ✓ Dual display DVI-I interface (DVI/VGA)
- ✓ Supports CF, SATA, 4 COMs
- ✓ 1 LAN, 2 USB
- ✓ DC 12V/24V power input

**RoHS**

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