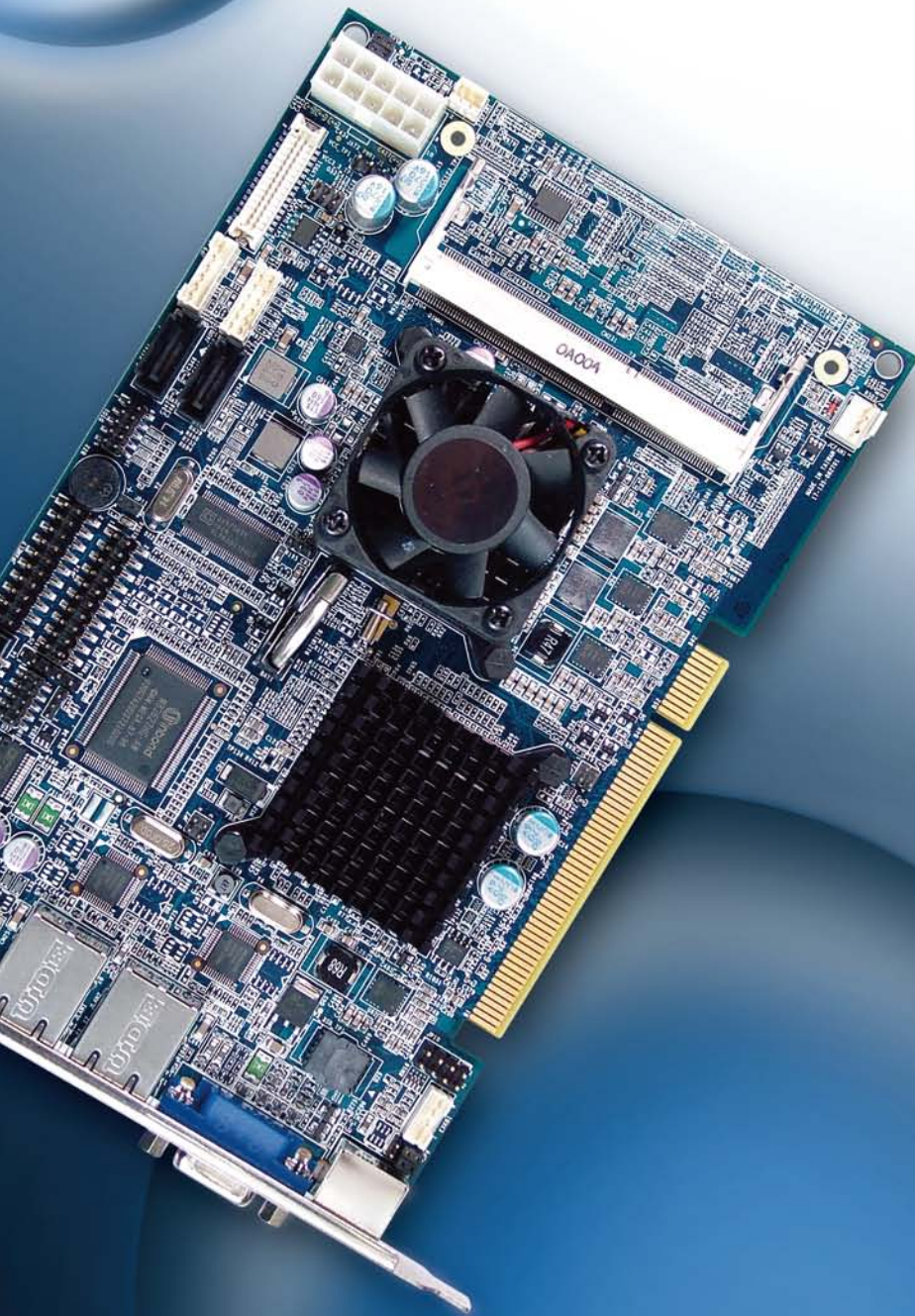


SBC



PCI-827LF

PCI Intel® ATOM™ N455 /
D525 w/ VGA / LVDS /
Audio / 2LAN

Features :

- Supports Intel® ATOM™ N455 1.66GHz / D525 1.8GHz processor
- Memory Support DDR3 SoDIMM 800 MHz SDRAM up to 2GB
- Support two 10/100/1000 Mbps Ethernet
- Fanless Solution
- Compact Flash



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Protech Japan Co., Ltd.

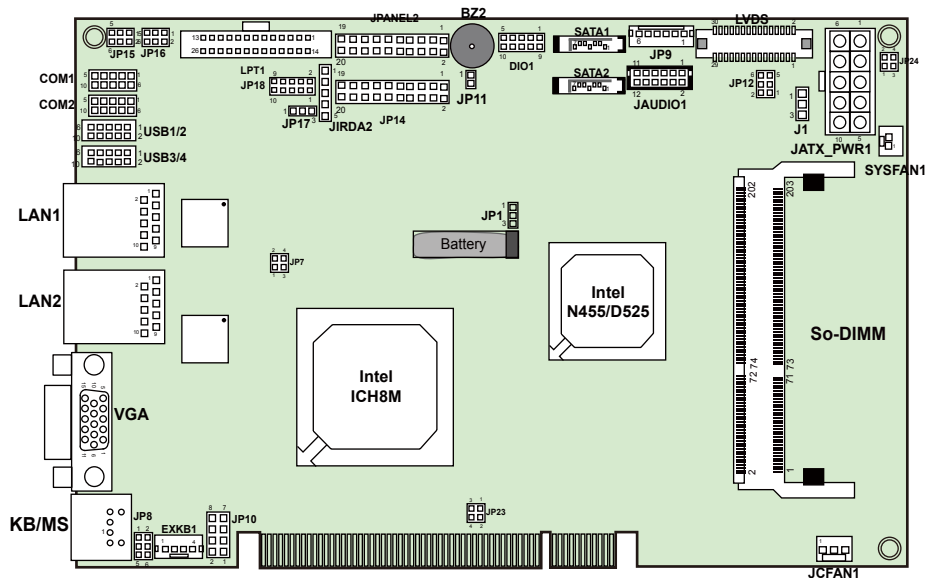
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ISO CERTIFIED
9001 14001

PCI-827LF

PCI Intel® ATOM™ N455 / D525 w/ VGA / LVDS / Audio / 2LAN



Specifications

System

CPU Support	Intel® ATOM™ N455 / D525 processor
CPU Frequency	N455 (1.66GHz) / D525 (1.8GHz)
DRAM	1 x 204Pin DDR3 SoDIMM to support 800MHz up to 2GB
BIOS	AMI BIOS
Watchdog	1~255 secs Watchdog timer selectable
Power Supply	Support AT/ATX Power
Power Requirement	+5V, +12V
Power Consumption	+5V : 5A, +12V : 5.12A
Dimension	185mm x 122mm (7.28" x 4.8")
Certificate	FCC / CE

I/O Chipset

SATA Interface	2 x S-ATA connector
SSD	1 x compact flash slot (IDE)
Serial Port	2 x COM port, 16550 UARTs RS-232, COM 1 for RS-232, COM 2 for RS-232/422/485
Parallel Port	1 x parallel port (SPP / EPP / ECP)
IrDA	1 (SIR)
Keyboard	Mini DIN connector or external connector
Mouse	Mini DIN connector (selectable w / KB) or Y-cable

LAN	Lan1/2: Realtek 8111DL (10/100/1000 Mbps) Supports Wake-on-LAN with ATX power
Audio	HD Codec Signal
Digital I/O	4 in / 4 out
USB	4 x USB 2.0

Display

Graphic	Built-in N455 / D525 processor, share system memory ; Supports VGA, LVDS (18bit)
LCD Interface	18-bit LVDS

Environment

OperationTemp.	0°~60°C (32°~140°F)
Storage Temp.	-40°~85°C (-40°~185°F)
Humidity	Operation humidity 20~90%, Storage humidity 20~95%

Ordering Information

PCI-827LF-N455	Intel® Pineview M N455 1.66G CPU Card w/ VGA / LVDS / 2COM / 2LAN / SATA/CF
PCI-827LF-D525	Intel® Pineview D D525 1.8G CPU Card w/ VGA / LVDS / 2COM / 2LAN / SATA / CF