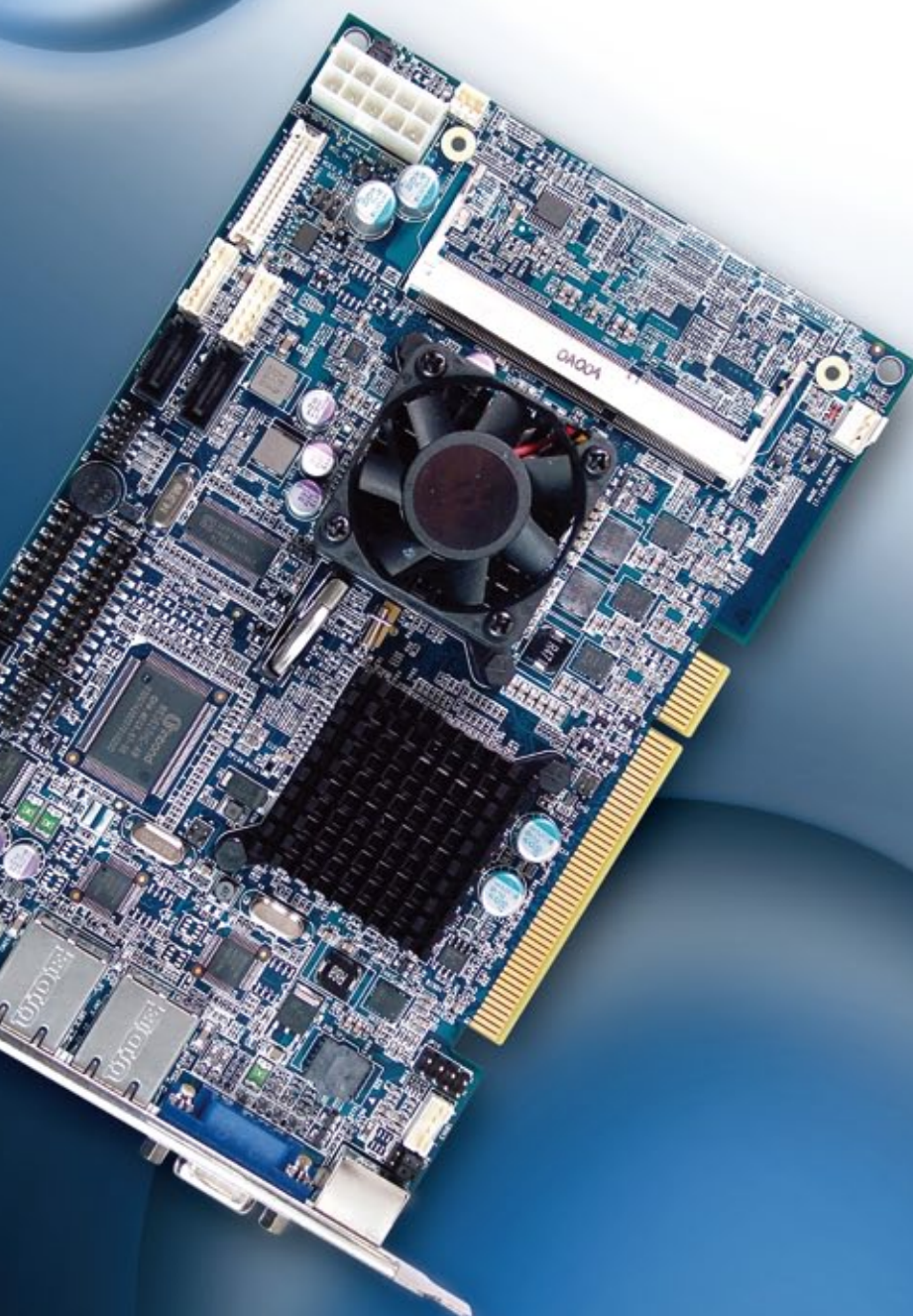


SBC



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 SO-DIMM 800 MHz SDRAM up to 2GB
- Support two 10/100/1000 Mbps Ethernet
- Fanless Solution (N455)
- Compact Flash



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Protech Japan Co., Ltd.

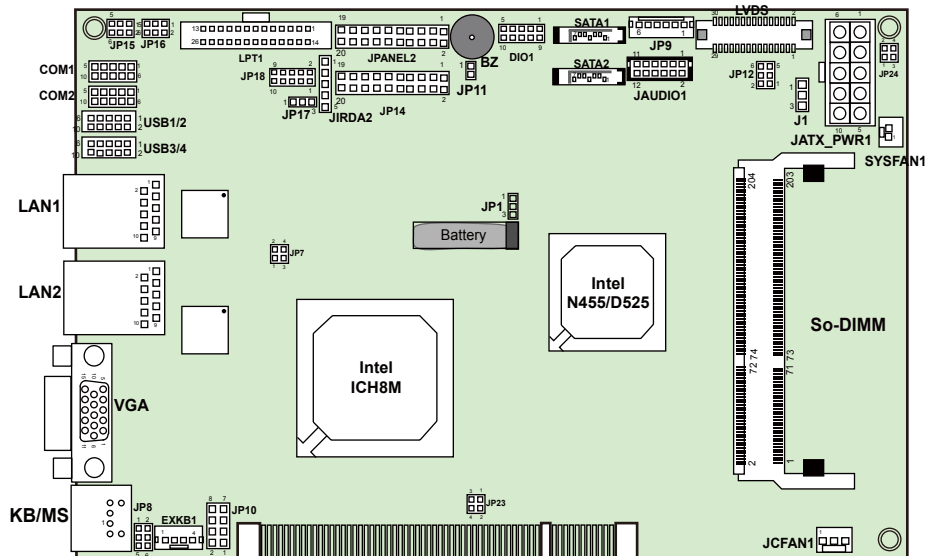
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ISO CERTIFIED
9001 14001

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 SO-DIMM to support 667MHz (N455) /800 MHz (D525) 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	185 mm x 122 mm (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	Support HD audio daughter board
DI/O	4 in / 4 out
USB	4 x USB 2.0

Display

Graphics	Build-in N455 / D525 processor, share system memory; Supports VGA, LVDS
LCD Interface	18 bit LVDS

Environment

Operation Temp.	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® Atom™ N455 1.66G CPU card w/ VGA/ LVDS/ 2COM/ 2LAN/ SATA/ CF
PCI-827LF-D525	Intel® Atom™ D525 1.8G CPU card w/ VGA/ LVDS/ 2COM/ 2LAN/ SATA/ CF