



Features

- Robust and Flexible Fanless Embedded System
- Support Intel® Pentium® N3710 Processor
- Support Real-time Operating System
- Support Dual channel DDR3L SO-DIMM, Max. 8GB
- Support Storage with HDD/SSD and mSATA SSD
- Support DVI-I Dual display
- 2 Rings of Motionnet® Master, Max. 128 slaves
- Intel® I211-AT Gigabit Ethernet port x 2
- 5 x RS-232 and 1 x RS-232/422/485
- GPIO with 8 DI and 8 DO
- Hardware IC with unique ID

Specifications

Operating system	Windows Embedded Standard 7 32/64 bit
AES Secure IC	Unique ID for project encryption
CPU	Intel® Pentium® N3710 Processor, 1.6GHz/2.56GHz (Boost)
Chipset	SOC
BIOS	UEFI
Memory	Dual Channel DDR3L SO-DIMM socket with 1600 MHz, Max. 8GB
Graphic chipset	Intel® HD Graphics 405
Power mode	AT / ATX; 2-pin Remote Power on/off switch
Input voltage	24VDC input
Display	VGA: up to 1920 x 1200; DVI-D: up to 2560 x 1600
USB	4 x external USB 3.0; 1 x internal USB for Keypro
Serial port	5 x RS-232; 1 x RS-232/422/485
LAN	Intel® I211-AT, 10/100/1000 Mbps
GPIO	Isolated 8 DI + 8 DO
Storage	1 x 2.5" HDD/SSD; 1 x mSATA SSD
Number of ring	2
Motionnet® Slaves	Max. 128 slaves
Transmission speed of Motionnet®	Max. 20Mbps
Dimension	160 x 62 x 115 mm (W x H x D)
Weight	1.38 Kg
Construction	Aluminum chassis with fan-less design
Operating temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-20°C to 80°C (-4°F to 176°F)
Humidity	90% (non-condensing @ 60°C)

Ordering Information

SPC-3221	Intel® Pentium® N3710 Processor 2-Ring Motionnet® Master 5 x COM ports, 2 x LAN ports, 5 x USB ports
Y cable from DB15 to Two DB9 FM	DB15 - DB9F + DB9M, 0.5M
SCB-1BB-06A/10A /20A/30A/50A/A0A	CAT5 LAN cable, 0.6M/1M/2M/3M/5M/10M

Dimensions and Drawing

