

ALLNET DIN-RAIL / Hutschienen PC LEC-6020A - Atom N2600



EAN CODE



Fanless Industrial DIN Rail Security Platform with Intel® Atom™ N2600 CPU

Key features

- Intel Atom-based Industrial Firewall
- Onboard Intel® Atom N2600 CPU with NM10 Chipset
- Fanless design with corrugated aluminum
- Wide temperature range (-40~70°C)
- Supports DDR3 Memory, maximum capacity is 2 GB
- OS support for both Linux and Windows
- 3 or 5 Intel GbE LAN ports (using Intel 82574L LAN controller)
- 1 or 2 pairs of LAN Bypass
- ESD and Surge Protection on Serial COM ports for harsh environments
- Support DIN-rail mount and wall mount

Overview

LEC-6020 is a Fanless DIN Rail Industrial Security Platform with an Intel® Atom™ N2600 CPU. It includes 3 or 5 GbE ports, 1 or 2 pairs of LAN Bypass function, 4 COM ports (LEC-6020A only) and 2 or 4 USB ports. This platform is ideal to provide network security protection for industrial automation or power communication applications.

Specifications

Platform
CPU
Chipset

Intel® Atom N2600
Intel NM10



Art.-Nr.: 154728
Herst.-Nr.: LEC-6020A

BIOS	AMI 8 Mbit SPI Flash ROM
Memory Technology	DDR3 1066/1333MHz, unbuffered, Non-ECC
Memory Capacity	2 GB
Memory Socket	1 x 204-pin DDR3 SODIMM socket
Storage	
IDE storage	CompactFlash socket Type I/II x 1, SATA x 1
SATA storage	SATA connector for SSD/HDD expansion
I/O	
Ethernet controller	LEC-6020A: Intel 82574L x 3
Graphic controller	Intel® GMA 3600
Default LAN	LEC-6020A: 3 x GbE RJ45
Bypass	LEC-6020A: 1 pair; LEC-6020B: 2 pairs
Magnetic Isolation Protection	1.5 KV built-in
Display output	Internal pinheader
RS-232 signals	RTS, Rx, Tx, CTS, GND
RS-422 signals	TxD+, TxD-, RxD-, RxD+, GND
RS-485 signals	Data+, Data-, GND
Baudrate	Supports 50 bps to 115.2 Kbps
Serial ESD protection	15 KV for all signals
USB 2.0	4 (LEC-6020A)
Expansion	Mini-PCIe (LEC-6020A only)
OS and Certifications	
Operating System	Linux 2.6, Windows XP Embedded, Window XP, Window 7 Embedded
Certifications	CE Emission, FCC Class A, RoHS
Physical and Environmental	
Commerical temperature	-40°C to 70°C
Operating temperature	-40°C to 85°C
Operating humidity	5% to 95% (non-condensing)
Storage humidity	5% to 95% (non-condensing)
Dimensions (W x H x D)	65 mm x 146 mm x 127 mm (2.56" x 5.75" x 5.00")
Weight	1 kg (2.2 lbs)
Watchdog	1~255 level time interval system reset, software programmable
Internal RTC	Yes, with battery lithium backup
Warranty	2 years
Casing material	Aluminum and SECC

Zubehör

Art.-Nr.	Name
101690	Synergy 21 LED Netzteil - 12V 30W meanwell Hutschiene
114680	Synergy 21 LED Netzteil - 12V 60W meanwell Hutschiene
139516	Synergy 21 LED Netzteil - 12V 120W meanwell Hutschiene
139521	Synergy 21 LED Netzteil - 12V 75W meanwell Hutschiene
134037	ALLNET Switch industrial unmanaged 4 Port Gigabit HPoE + 2x SFP + 1x TX HUT/DIN-Rail

Art.-Nr.	Name
	ALL-SWI8142BP
134042	ALLNET Switch industrial unmanaged 8 Port Gigabit HPoE HUT/DIN-Rail ALL-SWI8180P
134063	ALLNET Switch industrial unmanaged 4 Port Gigabit HPoE 60W + 2x SFP HUT/DIN-Rail ALL-SWI8142P-60W
148833	ALLNET Switch industrial managed 8 Port Gigabit HPoE + 4x SFP HUT/DIN-Rail ALL-SWI8484BPM
134035	ALLNET Medien Konverter Industrial 100/1000BaseT PoE "PSE" auf 1000BaseSX/LX SFP (Mini-GBIC) ALL-MCI2011P-60W HUT/DIN
128033	ALLNET Switch Modul ALL4750-INDU SFP(Mini-GBIC), 1000Mbit, SX/LC, Industrial -40/+85 Grad,
128034	ALLNET Switch Modul ALL4751-INDU SFP(Mini-GBIC), 1000Mbit, LX/LC, 10Km, Industrial, -40/+85 Grad,
149613	ALLNET Switch Modul ALL4757-INDU SFP+(Mini-GBIC), 10Gbit Multimode, SR/LC, Industrial -40/+85 Grad,
149616	ALLNET Switch Modul ALL4758-INDU SFP+(Mini-GBIC), 10Gbit Singlemode, LR/LC, Industrial -40 -+85Grad,
134036	ALLNET PoE Injektor Industrial Gigabit HUT/DIN "Power-Booster" ALL-PI2011BP-60W
147410	ALLNET PoE Injektor Industrial Gigabit HUT/DIN ALL-PI2012P-90W