

NMC-9181

Network Management Controller with E3845 CPU and 64GB SSD

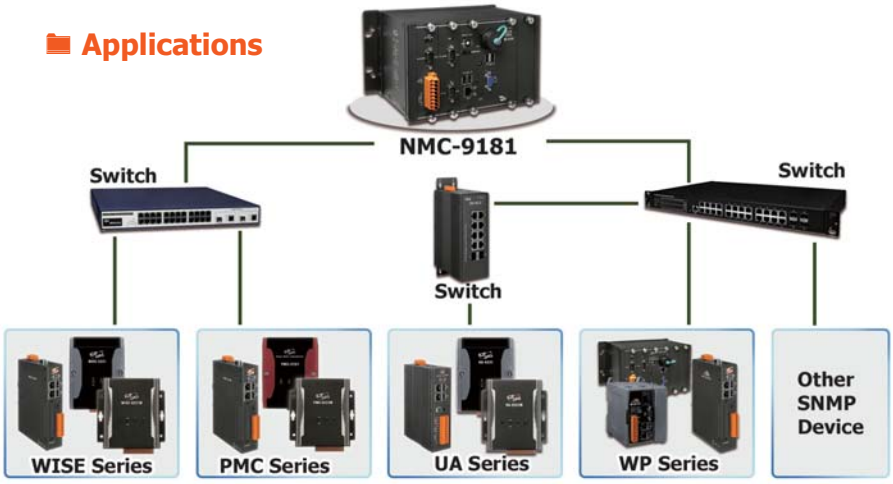
Features

- Ubuntu 20.04 LTS (64-bit)
- Linux Kernel 5.11.0-40
- Built-in LibreNMS Software
- Intel® Atom™ E3845 1.91 GHz
- 4 GB DDR3 SDRAM
- 64 GB SSD
- VGA / HDMI Display Output
- 2 10/100/1000M Ethernet Ports
- Redundant Power Input

Introduction

The NMC-9181 is a simple and easy-to-use network management controller that can be operated without professional skills, and can manage network devices without additional software installation. It is equipped with an Intel E3845 CPU and multiple interfaces, including dual Gigabit Ethernet, HDMI, VGA, USB ports, RS-232 and RS-485 interfaces. The NMC-9181 built-in LibreNMS software package, users can easily complete network device management tasks through LibreNMS.

Applications



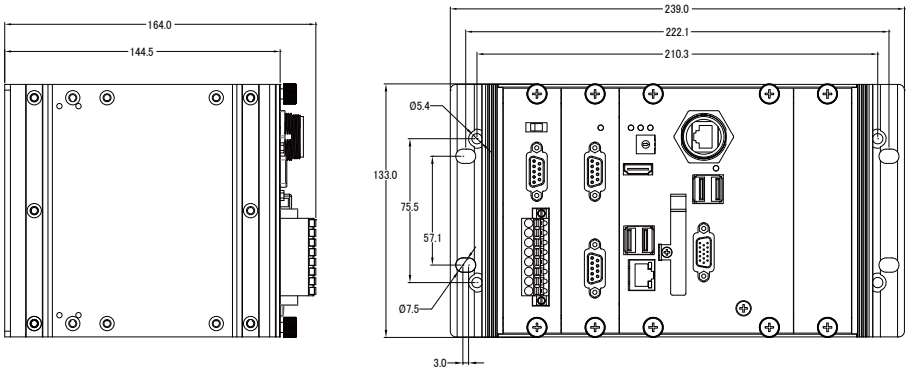
System Specifications

Software	
OS	Linux Kernel 5.11.0-40
Service	SSH , XRDP, Web Server and LibreNMS
Main Unit	
CPU	E3845, 1.91 GHz, 64-bit quad core
64-bit Hardware Serial Number	Yes
System Memory	4 GB DDR3 SDRAM
Storage	64 GB SSD, 32 GB CF card (Option)
Non-Volatile Memory	128 KB MRAM, 16 KB EEPROM
Real Time Clock	Provide seconds, minutes, hours, dates, day of week, month, year
Watchdog Timer	Dual Watchdog Timer
Display	
Signal	VGA, HDMI
LED Indicators	
Status	PWR, RUN, L1, L2
I/O Expansion	
I/O Type	I-9K, I-97K series
Slots	1
COM Ports	
Ports	1 x RS-232 (3000 VDC Isolated), 1 x RS-485 (3000 VDC Isolated), 2 x RS-232/RS-485 (3000 VDC Isolated)

HMI	
Buzzer	Yes
Rotary Switch	1 x 10 Position (0 ~ 9)
Ethernet	
Ports	2 x RJ-45, 10/100/1000 Base-TX
USB	
Ports	4 x USB 2.0
Power	
Input Range	+10 ~ 30 VDC (1 kV Isolated)
Redundant Power Inputs	Yes
Consumption	18.5 W
Mechanical	
Casing	Metal
Dimensions (mm)	239 x 164 x 133 mm
Installation	DIN-Rail, Wall mounting
Environment	
Operating Temperature	-25 ~ +60 °C
Storage Temperature	-30 ~ +80 °C
Humidity	10 ~ 90% RH, (Non-condensing)

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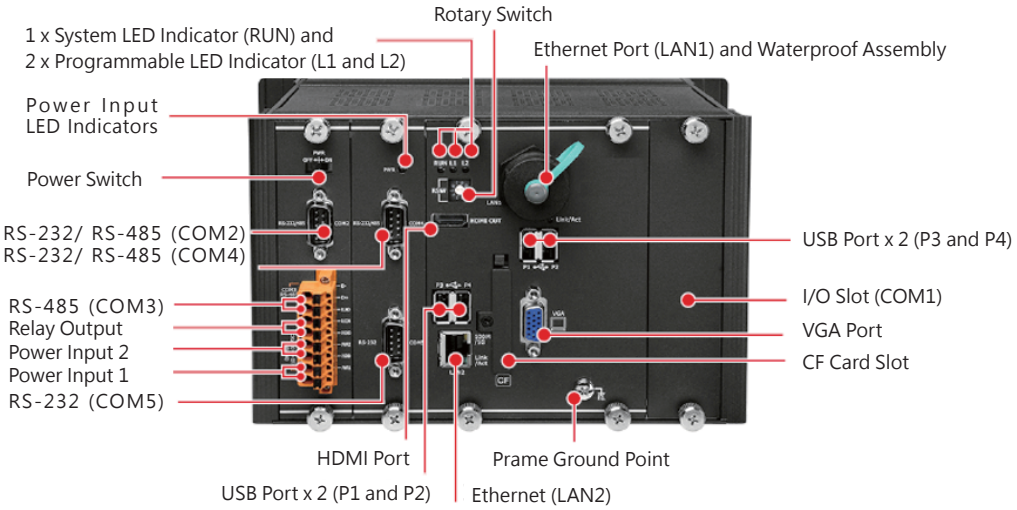
Dimensions (Units: mm)



Left View

Front View

Appearance



Ordering Information

NMC-9181 CR	Network Management Controller with E3845 CPU and 64GB SSD (RoHS)

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