

# NES-ILLUMINATOR

## VME64x Field Upgradeable SBC

### ► OVERVIEW

VME64x 6U Field Upgradeable SBC Atom ,i3,i5,i7 or Xeon  
Up 2.5Ghz up to 4Ghz

Up to 64GB RAM

4x USB ports

2x Serial ports RS232/422/485

2x Gigabit Ethernet ports

1x XMC slot

1x M2 slot

1x C-FAST socket

2x SATA-III Ports

Operating System : Windows ,Linux ,Vxworks

Operating temperature Range -40°C to 85°C

**NES-SW2800**





# NES-ILLUMINATOR VME64x Field Upgradeable SBC

## ▶ FEATURES (EXAMPLE WITH COM EXPRESS MODULE)

CPU: I7-13800HRE 2.5Ghz up to 4Ghz

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Up to 64GB RAM

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8x USB ports

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2x SATA ports

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1x Gigabit Ethernet ports

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2x SATA ports

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1x SPI

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1x LPC bus

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1x Smbus

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1x I2C

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Operating system : Windows, Linux

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Operating temperature Range -40°C to 85°C

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# NES-ILLUMINATOR VME64x Field Upgradeable SBC

## ► FEATURES

Nolam Services & Industries introduces the NES-ILLUMINATOR a 6U VME64 Field Upgradeable SBC which provides a complete VME Single Board Computer based on latest generation of Intel® Core™ ATOM, i3, i5/i7, XEON processors. The wide availability of COM Express™ Modules from several suppliers, allows the upgrade of VME64 based applications to the latest computing technology.

In addition, long term obsolescence can be easily managed with de facto standard COM Express™ modules. The addition of a custom designed heat sink allows the support of single width VME boards carrying COM Express™ modules. The VME64 interface is built with a PCI to VME bridge

The NES-ILLUMINATOR provides enhanced IO support as dual Gigabit Ethernet interfaces including P0 VITA31.1, Four USB, DVI/DP Graphical Interface, Serial IO, It also embeds an on board C-FAST socket, m2 slot, and SATA-III ports d A single std. XMC VITA 42.3) slot is available.

### Order Part Number:

-NES-ILLUMINATOR-P-R-S

Replace P by A for Atom processor

  I3 for i3 processor

  I5 for i5 processor

  I7 for i7 processor

  X for Xeon

Replace R by size of RAM : 4GB

  8GB

  16GB

  32GB

  64GB

Replace S by size of storage device 128GB

  256GB

  512GB

  1TB