

# EPM-G2N/R IEI EPIC Add-on Cards for NANO Series CPU Board

Dual GbE , e-SATA, SATA Function



Dual GbE selection



Low Profile design in NANO



e-SATA Connector

### LAN Options:

1. Dual Intel® 82541PI GbE
2. Dual Realtek RTL8110S GbE

### Key benefits of eSATA:

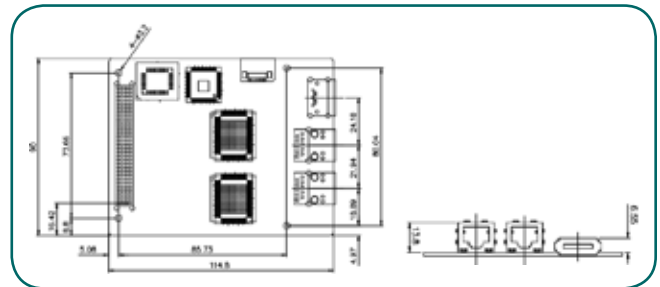
1. Up to 6 times faster than existing external storage solutions: USB 2.0, & 1394
2. Robust and user friendly external connection
3. High performance, cost effective expansions storage
4. Up to 2 meter shielded cables and connectors

### Features :

1. Low Profile design for EPIC form factor
2. Dual Intel® / Realtek GbE
3. e-SATA, SATA connectors by SiliconImage Sil3512E On board BIOS

## Ordering Information

Part No.	Description
EPM-G2R-R10	PCI-104 Card with Dual Realtek RTL8110S GbE for EPIC
EPM-G2RS-R10	PCI-104 Card with Dual Realtek RTL8110S GbE and Dual SATA for EPIC
EPM-G2N-R10	PCI-104 Card with Dual Intel® 82541PI GbE for EPIC
EPM-G2NS-R10	PCI-104 Card with Dual Intel® 825541PI GbE and Dual SATA for EPIC



## EPM-1056

4-Channel 30 fps Video Capture Module



### Resolution

NTSC	PAL/SECAM
720x480	720x576
704x480	704x576
640x480	640x576
352x240	352x288
320x240	176x144
176x112	

## EPM-1059

4-Channel Hardware MPEG-4 Video/Audio Capture Module



### Resolution & Frame rate

NTSC	PAL/SECAM
720x480@30fps	720x576@25fps
720x240@60fps	720x288@50fps
360x240@120fps	360x288@100fps

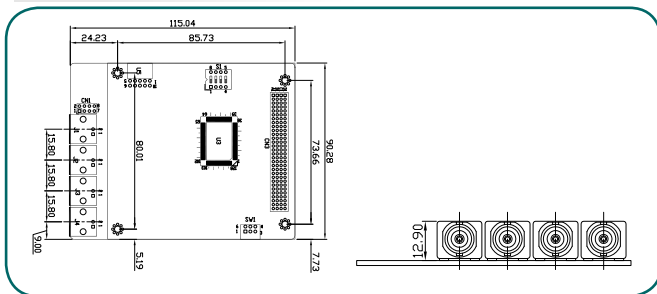
### Specifications

- ◆ Video Input
  - 4 Channels Composite Video
  - NTSC / PAL / SECAM auto sensing
- ◆ Video Input Interface
  - BNC connector
- ◆ PCI-104 interface
  - PCI Rev. 2.1 compliant
- ◆ Card ID
  - DIP switch selectable with LED
- ◆ Video Engine
  - 1 x Conexant Fusion 878A
- ◆ Frame Rate
  - NTSC: up to 30 fps
  - PAL/SECAM : up to 25 fps
- ◆ Audio Input
  - None
- ◆ Software Device Driver
  - Support Windows® 2000/XP and Linux Driver
- ◆ Temperature
  - Operating: 0°C ~ 60°C ( 32 ~ 140°F)
- ◆ Humidity
  - Operating: 5% ~95 non-condensing
- ◆ Dimensions
  - 115 mm x 90 mm
- ◆ Weight
  - NW: 127g

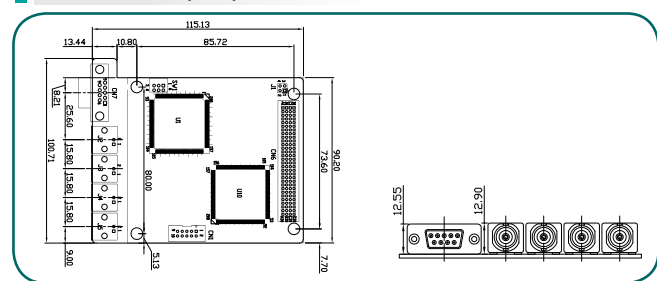
### Specifications

- ◆ Video Input
  - 4 Channels Composite Video
  - NTSC / PAL auto sensing
- ◆ Video Input Interface
  - BNC connector
- ◆ PCI-104 interface
  - PCI Rev. 2.1 compliant
- ◆ Video Compression
  - MPEG-4 Advanced Simple Profile@level 5 (ISO/IEC 14496-2)
  - MPEG-2 Main Profile @Main level (ISO/IEC 13818-2)
  - MPEG-1 (ISO/IEC 11172-2)
  - H.263 (ITU-T recommendation H.263)
- ◆ Audio Input
  - 4 channels stereo audio
- ◆ Audio Input Interface
  - DB-9 connector
- ◆ Audio Compression
  - G.726 (ADPCM)
  - 4 channels speech recording
  - 1 channel stereo/Mono Playback
- ◆ Software Device Driver
  - Support Windows® 2000/XP and Provide SDK with C++ source code.
- ◆ Temperature
  - Operating: 0°C ~ 60°C ( 32 ~ 140°F)
- ◆ Humidity
  - Operating: 5% ~95 non-condensing
- ◆ Dimensions
  - 115 mm x 90 mm
- ◆ Weight
  - NW: 166 g

### Dimensions (mm)



### Dimensions (mm)



### Packing List

- 1 x EPM-1056 video capture module
- 1 x Mini Jumper Pack
- 1 x Utility CD
- 1 x QIG

### Ordering Information

Part No.	Description
EPM-1056-R10	4 Channels Video Capture Module

### Packing List

- 1 x EPM-1059 video/audio capture module
- 1 x Mini Jumper Pack
- 1 x DB-9 to RCA jack audio cable
- 1 x Utility CD
- 1 x QIG

### Ordering Information

Part No.	Description
EPM-1059-R10	4 channels MPEG-4 Video/Audio Capture Module