BarcoMed Nio

High-speed display controller for Nio display systems

Product specifications   BARCOMED NIO

General specifications

Bus	PCI 2.1 & 2.2 universal signaling
Bus clock speed	33 Mhz
Bus width	32 bit
Power consumption	< 15 Watt
Operating system	Microsoft Windows 2000, XP
Platforms	Pentium class and up
Display configuration	Single-or dual-head, portrait or Landscape
Graphics processor	Proprietary AURA technology
Display memory	32 MB
VGA	Integrated VGA controller
Pixel clock rate	120 -200 MHz
Look up table	8 bits in/10 bits out
Electrical standard	■ Dual DVI complying to VESA ■ DVI Rev. 1.0 spec
Supported resolutions / refresh rates	■ 1600 x 1200 @ 60Hz ■ 1536 x 2048 @ 60Hz ■ 2048 x 1536 @ 60Hz
Connectors	Two DVI connectors (one per head)
Operational temperature	+ 10 to + 60 °C
Storage temperature	-40 to + 85 °C
Operating humidity	80%
Storage humidity	100%
EMI	■ FCC class A ■ CE ■ EN 55022A ■ EN 50082-1

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