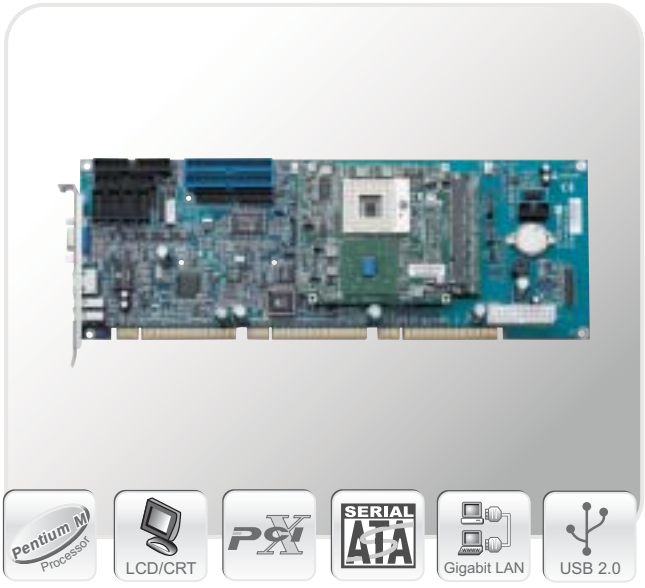
NuPRO-860 Series

Full-Size Pentium® M ePCI-X SBC with VGA/GbE/S-ATA/USB 2.0



Features

- *Pentium® M or Celeron® M Processor, low power consumption*
- *Longevity Intel 855GME chipset, 400MHz FSB*
- *Maximum 2GB DDR RAM*
- *VGA, LVDS GbE, USB 2.0, IDE, S-ATA, AC97 Audio, & WDT*
- *With ATX power connector for backplane-less applications*

Ordering Information

NuPRO-860-P1600/512	PICMG 1.2 Full-size Pentium M SHB, 855GME/6300ESB w/VGA/GbE/S-ATA/Pentium M 1.6GHz/512MB DDR333
NuPRO-860-C1300/512	PICMG 1.2 Full-size Pentium M SHB, 855GME/6300ESB w/VGA/GbE/S-ATA/Celeron M 1.3GHz/512MB DDR333
NuPRO-860-P1100/512	PICMG 1.2 Full-size Pentium M SHB, 855GME/6300ESB w/VGA/GbE/S-ATA/Pentium M 1.1GHz/512MB DDR333

Note: Call for availability of CPU and memory options

Specifications

CPU / Core Logic

CPU	Pentium M processors, 1.1GHz-2.0GHz
	Celeron M processors, 600MHz-1.3GHz
FSB	400MHz
Chipset	Intel 855GME chipset including GMCH, 6300ESB (HanceRapids), FWH
RAM	Two DDR SO-DIMM sockets, supports DDR266/333 up to 2GB
BIOS	Award 4Mb flash memory

Bus

BusA	ePCI-X Bus-A complaint with PCI-X 66MHz
BusB	ePCI-X Bus-B complaint with PCI 32/33

I/O Interfaces

IDE	ATA-100, dual channels
Serial ATA	Supports 2 channels SATA-150
USB	2 USB ports on the faceplate, 2 by pin header
	Compliant with USB Specification Rev. 2.0, individual over-current protection
Super I/O	One UART compatible RS-232 COM ports with ESD protection to 2KV
Audio	Integrated Audio Controllers with AC'97 interface, with optional DB-AC97S daughter board
Watchdog Timer	Built-in 6300ESB, supports 2-stage WDT

VGA

Display	Built-in with 855GME. 350MHz integrated 24-bit RAMDAC supports standard progressive scan analog monitor with pixel resolution up to 1600 x 1200 at 85MHz and 2048 x 1536 at 75MHz.
	One DVI interface supports up to 165 Mpixels/sec, resolutions up to 1600x1200 UXGA display.
	One channel LFP transmitter interface to support LVDS LCD panel resolutions up to UXGA

Ethernet

Ethernet	Intel 82541GI Ethernet controller
	Support 1000Base-TX, 100Base-TX and 10Base-T (IEEE802.3, 802.3u, and 802.3ab)
Features	Intel PXE pre-boot on Ethernet

Mechanical and Environmental

Form Factor	Standard Full-size ePCI-X SHB
	PICMG 1.2
Dimensions	338mm x 122mm (L x W)
Operating Temp.	0 to 60˚C
Storage Temp.	-20 to 80˚C
Compliance	CE, FCC Class A

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