

Orca-2780

Orca Fanless Embedded Controllers



Key Features

Robust industrial hard anodized brushed aluminum fanless embedded controller for usage in harsh or public environments.

Internal Mini-PCI, Mini-PCIe slots and IDE and SATA connectors to install additional expansion cards or storage media.

Patent pending easy VESA mount structure to reduce installation costs and many mounting accessories available.

Specifications

System

CPU	AMD embedded CPU
Memory	1 DDR2 SO-DIMM slot
Chipset	AMD M780E + SB710
BIOS	AMI BIOS
Supported OS	Linux 2.6.x, Windows XP/Vista/7

Interfaces

Connectors	multicard reader, RS-232 (2x), USB (4x), VGA, Marvell Gigabit LAN (2x) HDMI upto 1080, DC-in, eSATA (2x)
Audio	Digital optical, digital coaxial, Line in, line out, mic in, cen / lfe out, surround out, side surround out

Expansion / internal

Expansion slot	Mini-PCI , Mini-PCIe
Storage	IDE DOM or CF card
Disk	SATA II 2.5 harddisk

Power

Power requirements	12V DC
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Environmental and Mechanical

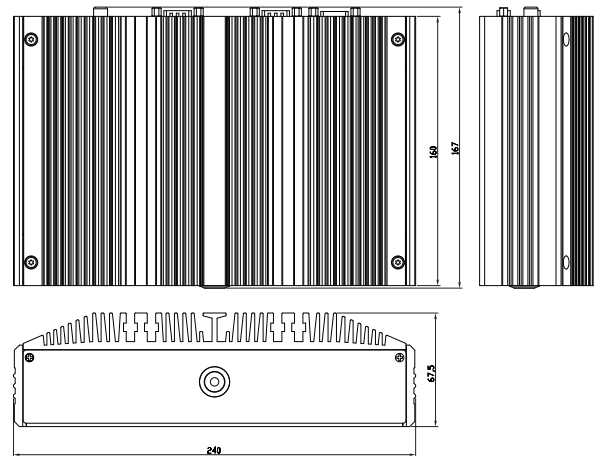
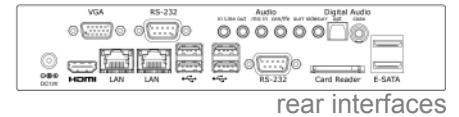
Temperature	-5° to 50° C
Humidity	10-90%
Dimensions	240 x 160 x 67.5 mm 9 ⁵ / ₈ x 6 ³ / ₈ x 2 ⁵ / ₈ inch
MTBF	>50,000 hours
Weight	3.75 Kg
Certification	CE, FCC

Options

Storage	2.5" SATA HDD or DOM
Expansion slot	1x mini-PCI for wireless LAN
On board Storage	upto 1 GB NAND Flash (coreboot BIOS only)

Dimensions

units in mm



Order Information

Orca-2780-S10	Orca-2780 with Sempron 1.0 GHz
Orca-2780-A15	Orca-2780 with Athlon X2 1.5 GHz
Orca-2780-T16	Orca-2780 with Turion X2 1.6 GHz

Other configurations such as additional interfaces and memory or storage capacities on project basis

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