



AGS-MRPC-4

4-SLOT ADD-IN PORTABLE COMPUTER



- 4x PCI-32 Slots
- 2x PCI-32 + 2x PCI-64 Slots
- 2x PCIe & 2x PCI-32 Slots
- Integral Card Hold Downs
- 17.3" 1920 x 1080 Display
- i7 CPU, 8GB RAM, 2x HDDs
- 3x RS232, 1x RS422/485
- Integral Keyboard with Touchpad

CONTACT

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The AGS-MRPC-4 is a compact rugged add-in portable computer built to go-anywhere, suitable for harsh environments and mobile applications. The slim 4 expansion slot design, enhances configurability while the all-metal construction provides ruggedness and protection for application add-in cards. A standard DVD recorder and two 3.5" removable drive bays allow flexible storage. An optional touch screen allows the system to be configured as an add-in tablet without a keyboard making the system smaller & lighter. Dual cooling fans and easy top access to its expansion slots are provided for ease of system configuration or maintenance.



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MRPC-4 SYSTEM

- Operating System Microsoft Windows 7
- Mainboard PICMG 1.3 SBC
- Main Processor
 - Intel®Core™ i7-620 processor
 - CPU clock bus: 1333/1066/800 MHz
- Chipset Intel® QM57 Express chipset
- System BIOS AMI BIOS
- Display
 - 17.3" FHD Display, LED Backlight
 - 1920x1080 Display Resolution
- Main Memory Two 204-pin DDR3 SODIMM socket, 8GB dual channel 800/1066 MHz memory
- Expansion Interface 4x Add-in Slots in one of the following configurations
 - 4x PCI-32 slots
 - 2x PCI-32 slots & 2x PCI-64 Slots
 - 2x PCIe slots & 2x PCI-32 Slots
 - One Mini PCI-E slot
- SATA Interface SATA: Support six SATA 300 drives (dual SATA ports via backplane) (RAID 0,1,5,10)
- Removable HDD
 - 2x Removable HDD carriers
 - Main HDD 500GB
 - HDD Carrier #2 available for expansion
- Optical Storage Slot loading DVD-RW
- Keyboard
 - Full-sized mechanical keyboard with touchpad
 - Optional backlit rubber keyboard with touchpad
- Serial Port
 - 1 x RS232 port & 1x RS232/422/485available internally
 - 2 x RS232 available Internally
- USB Interface
 - 4x USB 2.0 at Interface Panel
 - 4x USB 2.0 available internally
- Audio Interface Connector for Mic-In, Line-In and Line-Out
- On board VGA
 - Intel® Core™ i7 processor integrated Gen 5.75 graphic engine providing improved 3D multimedia capabilities including Microsoft DirectX 10, Shader Model 4.0, MPEG-2 and OpenGL 2.1
 - Intel® Dynamic Video Memory Technology (DVMT) 5.0 shares system memory up to 1GB
- Video Output Auxiliary DVI video output
- On-board Ethernet LAN
 - Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet
 - PCI Express x1 interface based Gigabit Ethernet
 - Dual RJ-45 connector with two LED indicators

ENVIRONMENTAL

- Temperature MIL-STD-810E (501.4, 502.4)
 - Operating: -0 °C to 50 °C
 - Non-Operating: -40 °C to 70 °C
 - Cooling: Conduction/Convection
- Humidity MIL-STD-810E (507.2)
 - Relative Humidity: 20 % to 90 % operating, non-condensing; 10 % to 95% non-operating & non-condensing
- Altitude MIL-STD-810E (500.3)
 - Operating: 15,000 ft (4571.8 m)
- Vibration MIL-STD-810E (514.4)
 - Operating: 10 to 500 Hz 1.04 g (RMS)
- Shock MIL-STD-810E (516.4)
 - Operating: 15 G, 8 ms ½ sine
 - Non-Operating: 40 G, 8 ms ½ sine
 - Drop (non-operating): 4 inches
 - 39" in shipping carton



Interface Panel

POWER

- Input Power 115/230 VAC, 50/60Hz Autoswitch, Autoselect 600W Low EMI Power Supply

DIMENSIONS & WEIGHT

- Dimensions 12.41"H x 15.72"W x 7.5"D
- Weight 20 Pounds

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