



FEATURES

- Industrial mainboard in ATX form factor that supports Intel® Pentium® 4 processor with Hyper-Threading technology, Dual-core Pentium® D and Celeron® D processor in LGA-775 package up to 1066MHz front side bus
- Support DDR2 667/533 SDRAM up to 4GB in dual channel architecture
- Intel new GMCH integrated graphics engine that increases 9% ~ 25% performance of GMA 900 of Intel 915GV
- One PCI Express x16 slot features high-end graphics card connection interface or dual independent display with ADD2+ media card that provides TV tuner, video capture in and DVI, TV-out
- Six 32-bit PCI expansion slots for most industrial I/O cards
- Dual Gigabit Ethernet port that based on PCI Express x1 interface without sharing bandwidth of PCI expansion bus
- Four port SATA RAID controller providing benefits of Intel® Matrix Storage Technology RAID 0, 1, 5, 10

ORDERING GUIDE

Standard	-9715 LGA-775 Pentium® D, Pentium® 4 or Celeron® D processor based ATX Industrial Mainboard with DDR2 SDRAM, VGA, Dual Gigabit Ethernet, Audio and USB
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SPECIFICATION

CPU	Intel® Pentium® D, Pentium® 4 or Celeron® D processor in the LGA-775 package FSB: 1066/800/533MHz
System Memory	Up to 4GB DDR2 667/533 SDRAM on four 240-pin DIMM sockets
BIOS	Award BIOS
Display	- GMCH integrated Intel® Graphics Media Accelerator 950 (Intel® GMA 950) - Dynamic share system memory up to 224MB (Intel® DVMT 3.0) or static share system memory up to 128MB - Display resolution up to 2048x1536 @ 75Hz refresh - Provide incredible visual quality, smooth video playback, and support for key 3D features - Support dual independent display with ADD2+ card
Ethernet	- Dual 10BASE-T/100BASE-TX/1000BASE-T Ethernet - PCI Express x1 interface based Gigabit Ethernet - Dual RJ-45 connectors with two LED indicators at rear I/O panel
Audio	AC'97 2.2 Audio
Storage	EIDE: Support two EIDE devices with Ultra DMA 100/66/33 SATA: Support four SATA 300 drives
Expansion Interface	- Six 32-bit PCI expansion slots - One PCI Express x16 slot for graphics card, ADD2+ card or PCI Express x1 (general purpose) card - Up to four PCI Express x1 external interface (project based)
EIDE	Support two EIDE devices with Ultra DMA 100/66/33
I/O	- Two serial (RS-232 x1, selectable RS-232/422/485 x1 ports), one at rear I/O panel - PS/2 keyboard/mouse at rear I/O panel - Eight USB 2.0 ports (Four ports at rear I/O panel; four ports internal) - One D-sub 15-pin VGA out and one parallel port at rear panel I/O panel - One IrDA - 8 GPIO
ACPI Function	Modem-Ring-On and Wake-On-LAN
Hardware Monitoring	System monitor (fan, temperature, voltage)
Watchdog Timer	Programmable via software from 0.5 sec. to 254.5 min.
Mechanical	Dimension : 312.8mm(L) x 243.8mm(W) / 12.3"(L) x 9.6"(W) PCB : 4-layer
Environmental	Operating Temperature: 0 to 50°C Storage Temperature: -20 to 80°C Relative Humidity: 5% to 90%, non-condensing
Approval	CE, FCC Class A