

Industrial Single Board Computer

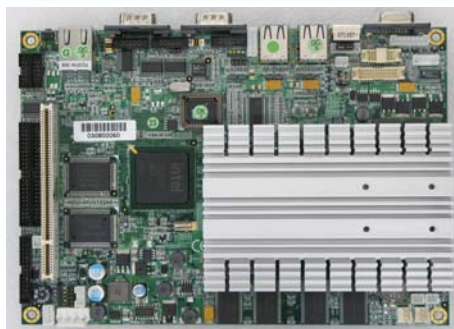
5.25" Embedded Miniboard

FT-8551

Onboard Celeron M 600MHz processor

VGA, 100 LAN, Mini-PCI, PCI, CF, LVDS

GPIO, RS232, USB2.0, LPT, AC97 Audio



Form Factor	5.25 inch Embedded Miniboard
CPU	Onboard Celeron M 600MHz processor Package type: Micro-BGA Front side bus: 400MHz
Memory	Onboard DDR266 SDRAM 256MB (optional 512MB)
Chipset	Intel 852GM & ICH4
Real Time Clock	Chipset integrated RTC with onboard lithium battery
Watchdog Timer	Generates a system reset with internal timer for 1min/s ~ 255min/s
Power Management	ACPI 1.0 compliant, support power saving mode
IDE Interface	Two 44-Pin IDE connectors
VGA Interface	Built-in Intel 852GM Intel Extreme Graphic 2 technology
Video Memory	Up to 64MB shared with system memory
LVDS Interface	One 18/24-bit dual channel LVDS interface with +3.3V/+5V supply
Audio Interface	Intel integrated ICH4 with Realtek ALC203 AC97 Audio
LAN Interface	1 x Intel PRO/100+ LAN interface with Intel 82562ET PHY
GPIO interface	Onboard programmable 8-bit Digital I/O interface
Extended Interface	1 x PCI slot, 1 x Mini PCI socket and 1 x CF socket
Internal I/O Port	1 x GPIO port, 1 x AC97 Audio, 2 x USB ports, 1 x VGA 1 x LVDS, 1 x PS/2, 1 x LPT and 4 x RS232
External I/O Port	1 x VGA, 1 x PS/2, 4 x USB ports, 2 x RS232 and 1 x LAN
Power Requirement	DC +12V Input
Dimension	203mm x 146mm
Temperature	Operating within 0~60 centigrade Storage within -20~85 centigrade

Ordering Code

FT-8551 Onboard VGA, Intel 100 LAN, USB2.0, Mini-PCI, PCI, Serial Port, GPIO, CF, AC97 Audio, IDE, LPT and LVDS

For further product information please visit the website at <http://www.commell.com.tw>

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