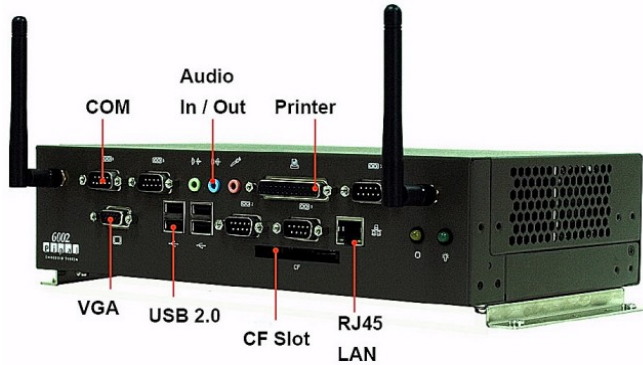


Pipal 6002

Intel® Pentium M / Celeron M High Performance
 Embedded platform optional up to 10 ports RS-232
 For Digital Signage Appliance , workable under -20°C



Feature

- Small size low power platform with Industry Embedded Board
- Intel® Celeron M / Pentium M 400/533Mhz FSB up to 2.0GHz
- Intel® 915GME North & ICH6-M South Bridge Chipset
- 2 Channels DDR2 Memory , Up to 1.5 GB w/o ECC
- Optional support Dual independent display
- Optional up to 10 ports of RS-232 , 8 ports with DC-power output
- 1 Mini PCI & 1 CF expansion slots
- Supports AT /ATX power on mode with Hardware logic insurance
- Supports 2.5 " ATA-66/100 and 2.5" SATA HDD
- Smart Fan management
- Well operation MPEG-2 with low speed Celeron-M CPU

Specification

Platform Dimension

- Compact size 275(W) X 150(D) X 66(H) mm

Processor

- Support Intel® Celeron M / Pentium M Processor
- 479 pin package , 400 / 533 Mhz FSB

Chipset

- Intel® 915GME North & ICH6-M South Bridge Chipset

Memory

- 2 Channel DDR2 Memory , Up to 1.5GB w/o ECC
- 1 DDR-2 SODIMM socket & 256 / 512 MB On board
- 400 / 533 Mhz DDR2 Memory

BIOS

- Award System BIOS
- Support Console Redirection
- Support Power On After Power failure function

Extra Linux Driver

- Watch-Dog Timer Driver

Disk Drive Storage

- 1 channel of 44 pin 2.5" HDD & SATA interface
- Easy maintain Disk Drive , without opening chassis
- 1 CF module slot

Expansion

- 1 Mini PCI slot

Ethernet

- 1 port of 10/100 Mbps LAN interface with Wake-On-Lan & DMI function
- Optional support Wireless LAN 802.11/b/g

Display Function

- VGA CRT display + optional support 18 bit LVDS LCD

USB

- 4 ports of 2.0 USB connector

Watchdog timer

- Software programmable WDT from 1 to 255 seconds/minutes

Keyboard/Mouse

- Internal pin-header for development use

RS-232 support

- 10 ports of RS-232 , 5 ports w/ DB-9, 5 ports w/ pin-header
- Total 8 ports of RS-232 support 5V or 12V output

Audio support Amplify

- 2 W Amplify drive for R / L Speaker

Hardware Monitor & Smart Fan management

- Monitors Voltage , Temperature & Fan speed

Extend I/O

- 1 * VGA , 2 * USB , 1 * LAN
- 5 * RS-232 , 1 * PIO , 1 * Mic-phone , 1 * Speaker , 1 * Line-in

Internal reserved I/O

- VGA , Keyboard / Mouse pin header interface
- 18 bit LVDS LCD interface

Cooling

- 4 cm Maglev low speed fan

Power Supply

- DC-12 V / 5 A input
- Lockable DC-IN power jack

Power ON/OFF mode

- AT or ATX Power ON/OFF mode with Hardware logic protected
- lose Battery setup

Environment

- Operation temperature : 0°C ~ 45°C (Stress test: - 20°C~60°C)
- Storage temperature : -20°C ~ 80°C
- Relative humidity : 10% ~ 90% (Non-condensing)

Certification

- CE Class A
- FCC Class A

Ordering Guide

| Ordering NO. | CPU | On-Board Memory | Display | RS-232 | HDD I/F | Wireless LAN | USB |
|-----------------|------------------|-----------------|-----------------|--------------------|-------------------|--------------|---------------------|
| Pipal 6002-152 | C-M 600M/512K L2 | 256 MB | VGA+18 bit LVDS | 5 * DB-9 + 5 * Pin | 44 pin IDE + SATA | without | 4 * front + 2 * Pin |
| Pipal 6002-100 | w/o | w/o | VGA+18 bit LVDS | 5 * DB-9 + 5 * Pin | 44 pin IDE + SATA | without | 4 * front + 2 * Pin |
| Pipal 6002-152W | C-M 600M/512K L2 | 256 MB | VGA+18 bit LVDS | 5 * DB-9 + 5 * Pin | 44 pin IDE + SATA | 802.11/b/g | 4 * front + 2 * Pin |

Note : CPU , Memory are optional order

Specification may change without notice