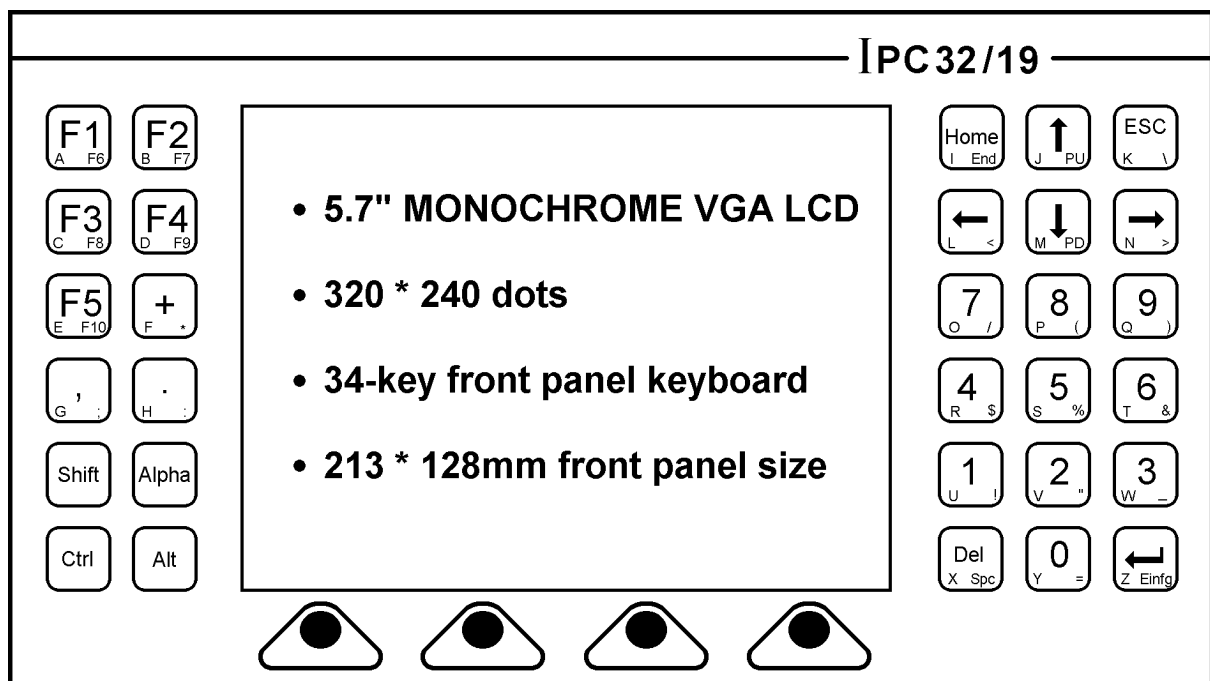




## IPC32/19 PC/104 FLAT PANEL PC

The IPC32/19 consists of three major components: The 34-key front panel keyboard with IP65/NEMA4 protection, a 5.7" MONOCHROME VGA LCD with 320 \* 240 dots in graphic mode and 15 lines \* 40 chars in standard text mode, and the BB1 Base Board with onboard VGA

controller, VGA BIOS, 256 Kbyte VGA RAM, LCD power supply, keyboard scanner for the front panel keyboard and a 16-bit PC/104 interface for the CPU/SBC and I/O boards. For more information see also: <http://www.ist1.de/ssv/pc104>.



**Figure 1: IPC32/19 Front Panel Keyboard**

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### Features IPC32/19

- 213mm \*128mm front panel size
- IP65 (NEMA4/12) protection
- 22mm \* 11mm soft key size
- FSTN/STN Black & White LCD
- 15 lines / 40 chars text mode
- 120mm \* 90mm active area
- VGA controller with 256 Kbyte RAM
- BIOS Power Management Support
- Interface for external Keyboard
- Keyboard Scanner
- Only +5VDC power
- 34-key front panel keyboard
- 12mm \* 12mm standard key size
- 3 color print front panel keys
- 320 \* 240 dots ¼ VGA size
- CFL backlight, 1 CFL lamp
- 0.33mm \* 0.33mm dot size
- Onboard VGA BIOS PROM
- Hardware Power Management Support
- Panel Power Sequencing
- PC/104 interface/connector
- 0° to +50°C operating temperature