

Industrial Flat Panel Monitors

Press Hardened

The Uticor Industrial Flat Panel Monitors are specifically designed to mount on the column of a press.

Each component inside the monitor is carefully selected and secured to withstand the shock and vibration encountered on the column of a 2500-ton press.

The panel mount monitors have a slim profile, and come with an optional stainless steel bezel for food & drug manufacturing plants.



*12 Inch Monitor

- 1024x768 resolution
- Panel Mount
- NEMA 4X

*Check for Availability



15 Inch Monitor

- 1024x768 resolution
- Panel Mount
- NEMA 4X



17 Inch Monitor

- 1280x1024 resolution
- Panel Mount
- NEMA 4X

| Monitors | 15" | 17" |
|------------------|---|----------------------------------|
| Display | 15" TFT | 17" TFT |
| Resolution | 1024x768 | 1280x1024 |
| Brightness | 300 Nits | 350 Nits |
| Power Input | 100-250 vac, 50/60 Hz | |
| Touch screen | Analog Resistive | |
| Operating Temp | 0-50 deg C | |
| Dimension | 16.25" w x 12.50" h x 2.55" d | 18.25" w x 14.50" h x 2.65" d |
| Cutout | 14.22" x 10.99" | 16.63 x 12.99" |
| Storage Temp | -20 to + 60 °C | |
| Humidity | 10-95% R.H., Non-Condensing | |
| Vibration | 5-55 Hz, 2 G for 2 hrs in the X, Y, Z directions | |
| Shock | 10 G for under 12 ms in the X, Y, Z directions | |
| Electrical Noise | NEMA ICS 2-230 showering arc ANSI C37, 90a-1974 SWC Level C Chattering Relay Test | |
| Enclosure | NEMA 4, 4X (Indoor) | |
| Agency Approvals | UL, CUL, CE | |

IPC Software for your SCADA/HMI Needs

PowerWorks is a state-of-the-art 32-bit SCADA/HMI software package that runs on various Windows platforms. The OPC based software provided sophisticated tools for visualization, Supervisory Control and Data Acquisition, Alarming, Reporting, Recipe Management, and SPC/SQC. PowerWorks integrates easily with your MIS and MES systems.

PowerIPC™ Specifications

| | CE Computer Available Q2, D3 | Panel Computers | WorkStation | 6 Slot Node | 19" Rack mount |
|-------------------------|--|--|--|--------------------------------|------------------------------|
| CPU | 300Mhz ARM Processor | Intel Celeron (700Mhz) | Intel Pentium III (850Mhz) | | |
| Power Supply | AC 115-230VAC @ 47-63 Hz | ATX 80 watts | ATX 235 watts | | |
| Memory | 64 MB (Expandable Up to 512MB) | 128 Mb (up to 512 Mb) | 256 Mb (up to 1.5 Gb) | 256 Mb (up to 512 Mb) | |
| Bios | Flash ROM | Award PnP Bios, flash ROM | | Phoenix Award BIOS | |
| Hard Disk | NA | 40 Gb hard drive | | | |
| Solid State Disk | SDD Disk On Chip - 64MB Std (Exp. To 256MB) | Disk on Chip Option (32Mb-256Mb) | | | |
| Floppy DD | 1 External Floppy Interface | Optional (external USB) | Internal 1.44Mb | | |
| CD ROM | SPP/EPP/ECP supported | Optional (external USB) | Internal 48X type | | |
| Mouse | PS/2 Interface port | | | | |
| Keyboard | 32 bit PnP Ethernet controller 10/100 Base TX (RJ-45) | PS/2 Interface port | | | |
| LAN | Network Card to support various Networks | 10 BaseT/100 Base TX Ethernet | | | |
| Serial Ports | 1 dedicated RS-232 port 1 RS-232/422/485 port | COM1 dedicated RS-232 port; COM2 RS-232/422/485 port | | | |
| Parallel Port | NEMA 4/4x (indoor use only) | LPT1 SPP/EPP/ECP supported | | | |
| USB | 2 ports (1.1) | | 1 port (1.1) | 2 ports (1.1) | |
| PCMCIA | 6" STN 320x240, 8" STN 640x480, 8" TFT 640x480, 10" STN 640x480, 10" TFT 640x480" | Optional (type 2) (uses 1 PC Isbt) | | | |
| Expansion | ? 10.4" = 640 x 480 (TFT) | 3 PC Isbts | 3 PC Isbts, 2 ISA sbts, 1 PCIMG sbt | | |
| Cooling Fan | ? | Optional | Yes (with washable filter) | | |
| Display | 15" = SVGA (TFT) | 10.4" FPD (TFT 230 nits) SVGA 12.1" FPD (TFT 250 nits) SVGA 15.0" FPD (TFT 250 nits) XVGA | 12.1" FPD (TFT 250 nits) SVGA 15.0" FPD (TFT 250 nits) XVGA | - | - |
| VGA Out | S-VGA OUTPUT (60fm ax.) | | | | |
| Touch Screen | ? | Analog Resistive Touchscreen | | - | - |
| Operating System | Windows CE | Windows XP Pro Windows XP/E (Embedded) (consult factory on XP/E) | Windows XP Pro Windows 2000 | | |
| Housing | NEMA 4/4X (indoor use only) | | | | |
| Overall Size | ? | 10/12": 13.0"W x 11.0"H x 7.0"D 15": 16.25"W x 12.5"H x 7.75"D | 12.1" / 15.0" 17.25"W x 12.7"H x 7.75"D | 15.125"W x 8.167"H x 11.4"D | 19.0"W x 6.929"H x 21.0"D |
| Mounting | TBD | 10/12": 11.70" x 9.85" 15": 14.32" x 11.09" | 12.1" / 15.0" 15.226" x 11.284" | Flange Mount | 19" Rack Mount - 4U |
| Electrical | 115/230 vac | 115/230VAC, 120W | 115/230VAC, 375W | | |
| Environment | 0 to 50 °C .operating; -20 to 60 °C .non-operating RH: 5% -95% Non Condensing | | | | |
| Agency Approvals | UL/CUL/CE Mark | | | | |
| Connectors | D-Sub 9 pin x 2 (male); D-Sub 25 pin x 1 (female); PS/2 x 1 for Keyboard & Mouse; RJ-45 x 1 for Ethernet; D-sub 15 x 1 (female) for SVGA | Serial Ports: D-Sub 9 pin (male); Parallel Port: D-Sub 25 pin (female); Mouse Port: PS/2 D in connector; Keyboard PS/2 D in connector; Ethernet: RJ-45; S-VGA: D-sub 15 (female), USB Ports: standard USB connector | | | |