

# EWS-843V

12"LCD 6U 6-slot Rackmount Workstation



## Features

- 12" TFT LCD, with resolution up to 800 x 600
- Supports 6-slot industrial backplane and 6U 19" rackmount chassis
- Supports built-in touchpad and multifunction membrane keyboard
- Provides drive bays for 2 x 3.5" HDD and 1 x FDD
- 2 x USB on the front panel

## SPECIFICATIONS

### Display Screen

|                 |                        |
|-----------------|------------------------|
| LCD Size        | 12" TFT LCD            |
| Input interface | VGA interface          |
| Resolution      | 800 x 600              |
| Brightness      | 400cd/m <sup>2</sup>   |
| Contrast Ratio  | 500:1                  |
| Support Color   | 262k colors(RGB 6-bit) |
| Touch Screen    | Optional               |

### Chassis

|                   |  |
|-------------------|--|
| Structure         | High quality steel plate, black protective coatings on the surface                       |
| Backplane         | IPC-6106P3(B), with 3 x PCI slot, 2 x PICMG1.0 slot, 1 x ISA slot                        |
| Motherboard       | Supports PICMG1.0 all series CPU cards   |
| Drive Bays        | Provides 2 x 3.5" HDD and 1 x 3.5" FDD   |
| Fan               | 1 x air intake fan on the right side of chassis, 1 x air outtake fan on the power supply |
| Membrane Keyboard | Provides 10 x function key, 39-key membrane keyboard                                     |
| Indicators        | Power LED, hard disk LED   |

### Mechanical and Environmental

|                       |   |
|-----------------------|---|
| Dimensions            | 450.00mm(W) x 266.00mm(H) x 223.00mm(D) |
| Net Weight            | N/A                                     |
| Reliability           | MTBF ≥ 30000h; MTTR ≤ 0.5h              |
| Safety                | EN 60950/IEC 60950                      |
| Operating Temperature | -5°C~50°C                               |
| Storage Temperature   | -40°C~60°C                              |
| Operating Humidity    | 5%-95%, non-condensing                  |

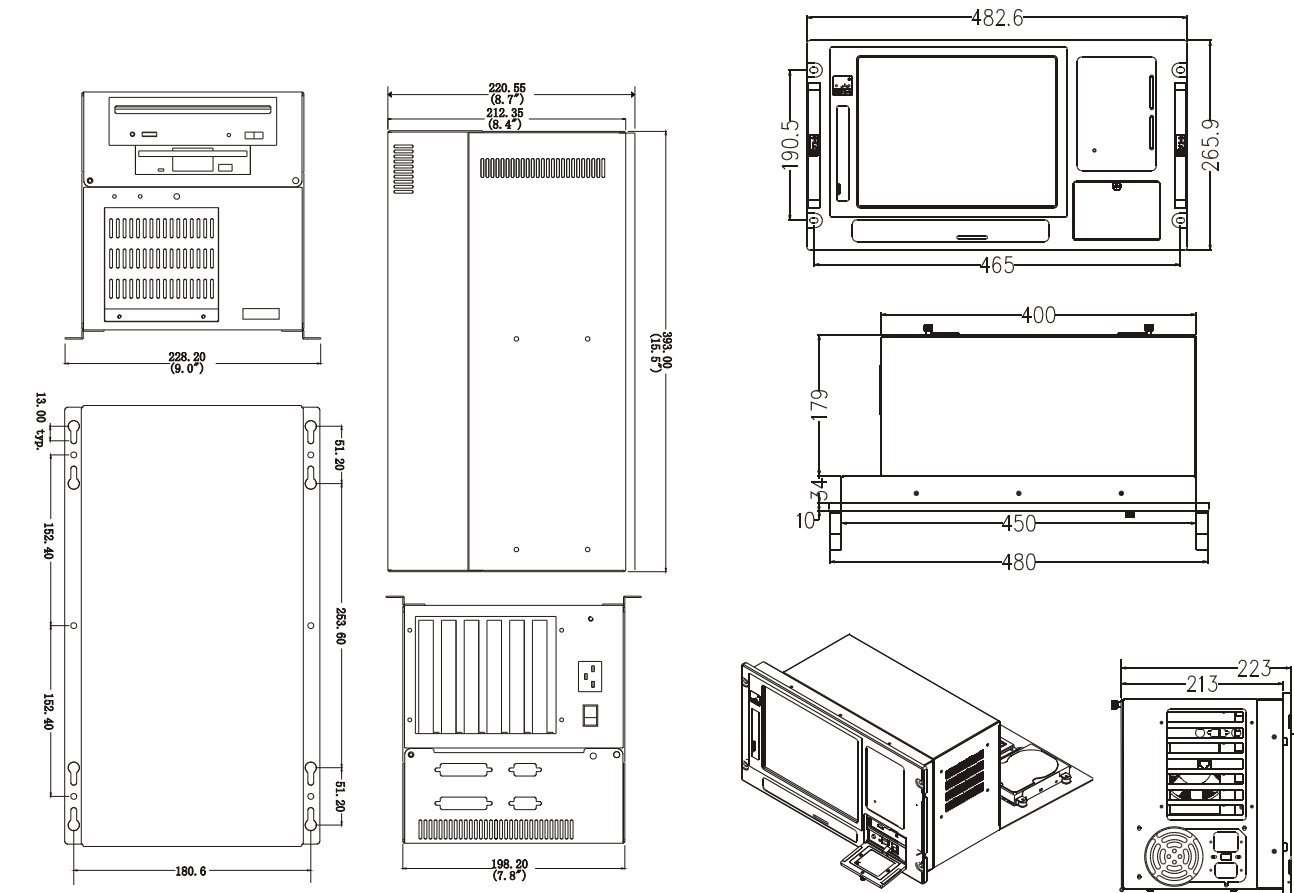
### Power

|               |   |
|---------------|---|
| Power Supply  | PS-270A (standard configuration)                |
| Power Feature | Built-in PS-270A 250W ATX power supply with PFC |

### Test

|           |  |
|-----------|--|
| Vibration | 5-17Hz/1.0mm amplitude, 17-200Hz/1.0g acceleration |
| Shock     | 10g peak acceleration(11ms duration)               |
| EMC/EMI   | GB9254-1998 class A                                |

## Dimensions



## Available Accessories

| Part Number | Name                   | Description  | Qty. |
|-------------|------------------------|--|------|
|             | User's Manual/RoHS     | EWS-843V   | 1    |
| 2360-003671 | AC power cable/RoHS    | Length: 1500mm/USA standard/821                                      | 1    |
| 2372-003201 | Rubber spring pad/RoHS | φ 15x30.5/notched  | 2    |
| 2372-003731 | Rubber spring pad/RoHS | φ 15x17.1mm/notched/please refer to the drawings for details         | 4    |
| 1393-000271 | Handle/RoHS            | ZL102/with EVOG/length: 158mm/silver coating                         | 2    |
| 2391-001401 | Screw/RoHS             | Truss head M4x12/MPW4x12-NI/GB-9074.1-88                             | 4    |
| 2391-000651 | Screw/RoHS             | Truss head M3x5/MPW3x5-NI/GB9074.1-88                                | 4    |
| 2391-001721 | Screw/RoHS             | Pan head M4x55/MP/4x55-Czn/GB-9074.1-88                              | 4    |
| 2391-000471 | Screw/RoHS             | Countersunk head M3x5/thickness 1.5mm/GB-T819-1985                   | 4    |
| 2360-010361 | Converter cable/RoHS   | Two ports PS/2 connector (male), length: 250mm                       | 1    |
| 2360-002011 | VGA cable/RoHS         | DB15 VGA right-angle connector to two male connectors, length: 300mm | 1    |
| 2401-000201 | Accessories box/RoHS   | 370x155x40/250g+w9   | 1    |

## Ordering Information

| Part Number | Model Number                             | Description  |
|-------------|--|--|
| 0020-009351 | EWS-843V/270A/6106P4B                    | Workstation/RoHS: PS-270A(for EWS-827)/IPC-6106P4(B) RoHS/EWS-843V |
| 0020-010930 | EWS-843V/250DC48V/6106P3(B)/touch screen | Workstation: PS-250 DC48V/IPC-6106P3(B)/EWS-843V/touch screen      |
| 0020-009420 | EWS-843V/7271B/6106P4B                   | Workstation: 250W power supply/IPC-6106P4(B)/EWS-843V              |