

# ➤ Optimization

## ➤ A ruggedized 6U Workstation



- Industrial Communications
- Fieldbus Applications
- System Control
- Process Control
- Data Acquisition
- Test and Measurement
- Visualisation



New

C-Drive fits in all 5,25" drive bay  
Includes 3,5" FDD and SLIM CD or DVD

## ➤ Optimization, the workstation that defies harsh treatment

Kontron Optimization meets all the requirements of a 24 hour day production line. With its high industrial grade specification the Optimization assures the smooth running of your application

Customize your performance and choose from a variety of drives, industrial I/Os, and Operating Systems. The USB at the faceplate of the SBC or the front offer hot-plug functionality. The flexible design offers endless opportunities for use in almost all in industry applications.

Features include:

- Intel Pentium III up to 1 GHz, Celeron 566 MHz
- Up to 768 MB SDRAM
- 10 Slot backplane
- 1\*5,25" Drive bay, 1\*3,5" Drive bay
- One internal HDD
- 12" Display XVGA
- Receptable Air Filter
- NEMA 4X/IP 65 frontplate
- Supports C-Drive



## ► Optimization - Technical Specifications

### Form Factor

- 6"H x 19"W x 6,8"D
- (267 x 482 x 300 mm)

### Processor

- Intel Pentium III up to 1 GHz, Celeron – 566 MHz

### SDRAM

- Up to 768 GB

### Display

- 12,1" TFT XVGA  
Brightness: 200 cd/m<sup>2</sup>  
Optional: 10,4" TFT VGA Display

### Drive Bay 1

- HDD internal, IDE or SCSI (only with PCI 743)

### Front Accessible Drives

- FDD/CD ROM or CD-RW or DVD

### Expansion Slots

- 4\*PCI fullsize, 4\*ISA fullsize

### Interfaces front

- PS/2, Keyboard
- Optional USB (only with C-Drive)

### Power Supply

- ATX300W AC
- ATX300W DC 24 V

### Input Voltage

- AC Version: 100–240 V AC
- 24 V DC Version: 18 to 36 V DC

### Mounting Systems

- Rackmount

### Foil-Keyboard

- MF II compatible foilkeyboard
- Optional touchpad

### Temp./Humidity (operating)

- 0 °C to +50 °C
- 5–95% @ 40 °C no condensing

### Temperature/Humidity (storage)

- –20 °C to +65 °C
- 0–95% @ 40 °C no condensing

### Altitude (operating)

- 10,000 ft (3,048 m)

### Altitude (storage)

- 30,000 ft (9,144 m)

### Shock (operating)

- 15 G, 11 ms duration (half-sinus)

### Shock (storage)

- 30 G, 11 ms duration (half-sinus) 6-axis

### Vibration (operating)

- 10–58 Hz ±0,035 mm, 58–500 Hz 0,5 g (sinus)/6-axis

### Vibration (storage)

- 10–58 Hz ±0,075 mm, 58–500 Hz 1 g (sinus)/6-axis

### EMC

- US: FCC CFR Part 15, Class A level
- Europe: CISPR 22; CE Mark to EN 55022

### Safety

- EN 60950, CE

### Supported SBCs



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