

# IRTCTH185MB3CFA

## NERO - Closed Frame Panel PC + ThinClind OS



- RockChip RK3588 OctaCore Cortex-A76+A55 1,8GHz
- 18.5" 5-Wire Resistive Touch Display
- Painted Metal sheet
- IP65 Front Protection
- Fanless Compact design
- Made in Spain

arm

ARM®  
Processors



Touch  
Technology



Efficient Power  
Consumption



Double  
Display



IP65 Front  
Protection

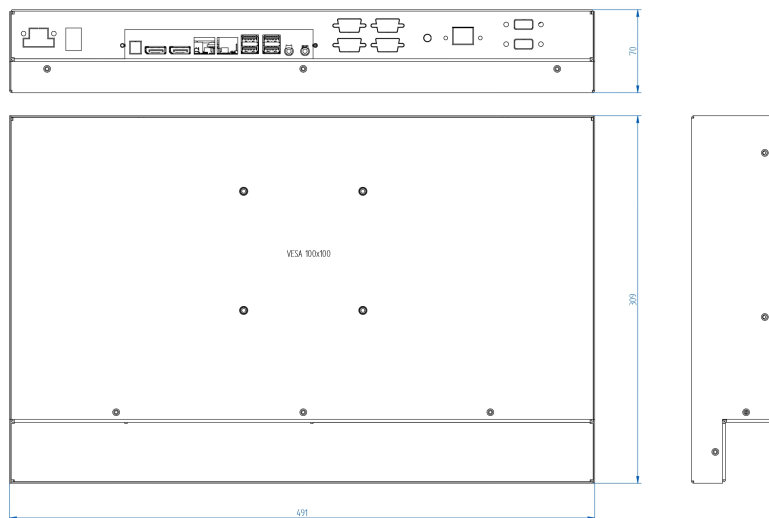
CPU boards with latest generation Intel® Processors, fanless, low power consumption and exceptional performance.  
Manufactured in painted sheet metal with IP65 protection.  
5-Wire Resistive or Projected Capacitive Multitouch sensor (PCAP).



### Dimensions

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### Specifications

#### Display

|                  |                  |
|------------------|------------------|
| Touch technology | 5-Wire Resistive |
| Inches           | 18,5"            |
| Format           | 16:9             |
| Resolution       | 1920 x 1080      |
| Backlight        | LED              |
| Brightness       | 1600 cd/m2       |
| Ratio contrast   | 1000:1           |
| Angle vision     | 176/176          |
| LED Life Time    | 100.000 h        |

#### System

|            |                                                |
|------------|------------------------------------------------|
| CPU        | RockChip RK3588 OctaCore Cortex-A76+A55 1,8GHz |
| Memory     | 4GB On Board                                   |
| Hard Drive | 32GB on Board (Upgradable with 2242 NVMe SSD)  |
| Graphics   | Mali G61 MP4                                   |
| Chipset    | RK3588 Onboard (SoC)                           |
| OS         | Linux / ThinClind OS                           |

#### Input / Output

|              |                              |
|--------------|------------------------------|
| USB Ports    | 2 x USB 2.0                  |
| Serial Ports | -                            |
| Ethernet     | 2 x Realtek Gigabit Ethernet |
| Video        | 1 x HDMI                     |
| Audio        | 1 x Salida audio             |

#### Mechanical

|            |                   |
|------------|-------------------|
| Dimensions | 491 x 309 x 70 mm |
| Weight     | 6,7 kg            |
| Mount      | VESA 100 x 100    |
| Panel cut  | -                 |

#### Optionals

|              |                                  |
|--------------|----------------------------------|
| Screen       | High brightness for outdoors use |
| USB Ports    | -                                |
| Serial Ports | -                                |
| Modem        | -                                |
| WIFI Module  | -                                |
| Slot PCIe    | To Be Consulted                  |
| Others       | To Be Consulted                  |

#### Protection / Environmental Conditions

|                            |                                |
|----------------------------|--------------------------------|
| IP & Material              | IP65 Painted Metal Plate Front |
| °C Operation               | 0° a 60° C                     |
| °C Storage                 | -10° a 70° C                   |
| Humidity (no condensation) | 0% - 95%                       |

#### Power Supply

|                        |                                                |
|------------------------|------------------------------------------------|
| Input Voltage          | 12Vdc (External power supply 110-220Vac/12Vdc) |
| Optional Input Voltage | -                                              |

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OS

## Input / Output

Expansión

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