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## WS-1500

19"- Industrial Workstation , 6HU  
with fanless Mini-IPC



Front Stainless Steel

### Display 15" High Resolution TFT

Resolution XGA 1024 x 768, 0,297 mm Pitch  
400cd/m<sup>2</sup> , Contrast : 400:1  
11,5 / 5 ms Response .Time

**Keyboard** Waterproof Full Function Membrane Keyboard  
**Mousepad** Waterproof Membrane Touchpad

## CPU

### 1. Ultra Low Power Fanless on Board

**Intel Single or Dual Core Atom Processor 1.6 GHz**

- Intel<sup>®</sup> 945GM Chipset
- 2 x RS/232, LPT1, 4 x USB , SATA x 2
- Single or Dual GB LAN
- VGA, DVI , LVDS Graphics
- PCI, Mini PCI, PCIe
- Neu : **ATOM Z530 CPU +US15 (5W TDP)**

### 2. Low Power fanless Intel Pentium M Processor (Centrino)

- Socket 478 for Intel Pentium M Processor 1.6 GHz
- Hyper Threading Technology
- 533 MHz FSB
- Intel i915 Chipset
- Chipset Integrated LVDS/VGA Function
- GB LAN -10/100/1000 Base TX Ethernet
- 6 x USB-Ports/ 2 Com-Ports (RS-232/422), (4 opt.)
- Firewire 1394 , LPT
- PCI Slot
- PC-Card Slot, Compact Flash Socket opt.

### 3. Fanless Intel Core2Duo CPU

- **Socket P for Penryn CPU ( GM45 Chipset)**
- **Socket 989 for Intel I-CPU /(QM57 Chipset)**
- Supports CRT, LVDS, optional TV out or DVI
- Single/ Dual GB-LAN, **Triple GB-LAN** (opt.)
- 8 x USB-Ports/ 4 Com-Ports (RS-232/422)
- **SATA x 2**
- **OnBoard SATA Raid**
- PCI-Slot , Mini PCI, PCIe (1), Mini PCIe
- PC-Card Slot, Compact Flash Socket (opt)

## Features

- Most Compact Workstation for ATOM. Pentium M and CoreDuo fanless CPU's
- 19" Mounting , only 6 HU (266 mm)
- 15" High Resolution TFT
- Steel Metalhousing for optimum thermal and electrical protection
- Fanless Operation with Heatpipe
- 1 or 2 x GB LAN
- 6 x USB-Ports / 4 /5 x Com-Ports / LPT
- 1 or 2 PCI Slots with RiserCard
- Depth only 135 mm
- Hard Disk and CD-ROM protected against shock & vibration through patented shockabsorbers
- Touch Screen Option



Workstation in Rittal Enclosure



**Power supply** : 110-240 VAC  
or 12/24 VDC

**Weight** : 8 KG

**Operating Temperature** : 0 .. .55 ° C

**Dimensions**

482 mm (W) x 135 mm (D ) x 266 (H)

**Option** : **resistive Touch Screen**

**Approval** : CE, FCC