

IP Lite – Technical Data



- **Processor:**
Pentium®, 233 MHz (PW5)
Pentium® II, 300 MHz (PII)
- **L2 Cache:**
512 kB Pipeline Burst
- **RAM:**
64 MB; 128 MB (PW5)
up to 256 MB (PII)
- **Slot:**
5 x ISA/PCI (PW5) 1x full length PCI,
6 x ISA/PCI (PII) 2x full length PCI
1x full length PCI/ISA,
1x full length ISA, 2 x half length ISA



- **Power Supplies**
AC, autoswitch 115/230 Volt
Mains frequency: 44-440 Hz
Power consumption: 200 VA (max.); 100 VA (typ.)
Free current: +5 V/6 A, -5 V/±12 V/0,2 A
opt. w/o protected ground (PW5)
opt. DC power supply: 10-36V
- **Central Security Controller**
Temperature monitoring, fan control (PII),
watchdog
- **Operating height**
opt. Tested¹⁾ /spec.: 30000/10000 feet
- **Mass Storage**
Floppy disk drive: 3.5", 1.44 MB
Hard disk: 4 GB or higher
opt. integrated: CD-ROM, MO drive (PW5)
Removable hard disk 4 GB EIDE or higher,
LS120
9GB SCSI²⁾ or higher
- **Interfaces**
1 Com RS232
1 Com RS232/RS422/RS485
switchable
1x Lpt ECP/EPP
1x VGA
1x PS/2 f.mouse, 2 x PS/2 f. keyboard
1x USB (PII), opt. Ethernet onboard (PII)
optional SCSI²⁾
- **Keyboard**
MFII, detachable, 84 keys, 12 function keys,
integrated trackball
- **Mechanics**
Dimensions: 460x400x142 mm
Weight: 9.8 kg (standard conf.)
- **Display**
TFT-XGA, 12.1" (30.7 cm), 1024x768 pixels,
16 Mio(PII)/64k(PW5) colors
- **Video part**
V-RAM: 4 MB (PII) resp. 2 MB (PW5)
ext. monitor: 1280x1024 pixels with
64k(PII) resp. 256 colors (PW5)
1024x768 pixels with 16 Mio (PII) resp.

- **Temperature**
non-operating
tested¹⁾: -40°C to +71°C; spec.: -25°C to
+60°C
operating
tested¹⁾: -10°C to +55°C; spec.: +5°C to
+50°C
- **Humidity** (no condensation)
non-operating: 5-95% (40°C wet bulb)
operating: 20-80% (29°C wet bulb)
- **Shock** (acc. to IEC 68-2-27)
non-operating
tested¹⁾: 40 g, 11 ms (sawtooth);
specified: 30 g, 6 ms (half sine)
operating³⁾
tested¹⁾: 20 g, 11 ms (sawtooth)
specified: 15g, 11 ms (half sine)
- **Vibration** (acc. to IEC 68-2-6)
non-operating: 10-58 Hz, ± 0.075 mm;
58 - 500 Hz, 1g
operating
tested¹⁾: 5 - 55 Hz, ± 0.25 mm; 55 Hz, 2g;
specified: 10 - 58 Hz, ± 0.035 mm; 58 -
500 Hz, 0.5 g³⁾
- **Emission** (EN50081-1/2)
Radiation: EN5022 class B/
FCC CFR47 part 15 subp. B class B
- **Immunity** (EN50082-1/2)
Electrostatic Discharge
in air/direct contact: 15 kV/8 kV
Radiated Frequency
80 MHz -1 GHz: 10 V/m
Burst
Signal/Control lines: 2 kV; Supply lines:
AC 4 kV, DC 2 kV
Surge
Signal/Control lines: 2 kV; Supply lines:
DC: 2 kV asym., 1 kV sym; AC: 4 kV asym.,
2 kV sym.
Conducted Disturbances 150 kHz –
230 MHz: 10 V/m
- **Approvals**
TÜV, CE, FCC CFR47 part 15 B class B

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¹⁾ these conditions have been tested with single units and may affect the lifetime of some components; ²⁾ SCSI-PCI controller occupies 1 slot; ³⁾ CD or MO not active;

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