



CLIPPER 4

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Clipper 4

- **Unità di controllo basato su scheda PC**
- **Collegamento a PC di supervisione tramite Ethernet 10 Mb/s**
- **Configurazione fino a 16 assi e connessione a GreenBUS**
- **Sistema operativo Windows NT 4.0 Embedded**
- **Estensione real-time RTX**
- **Box industriale montaggio a parete**
- **Dimensioni: 248 x 143 x 220 millimetri**



Clipper 4

- Scheda CPU basata su microprocessore AMD K6 II 500 Mhz 128 Mbytes SDRAM
- Disk on Module 32Mbytes
- Interfaccia rete Ethernet 10/100 Mb/s
- n° 1 RS-232 e n° 1 RS-485
- Backplane 4 Slot ISA
- Alimentatore ATX 150W
 - ✓ Input AC 115 / 230 V
 - ✓ Output :

+ 5 V	16 A
+ 12 V	5 A
- 5 V	0.2 A
- 12 V	0.3 A
+ 3.3 V	7 A
- Configurazione fino a 16 assi analogici o digitali
- Driver GreenBUS 1 Mb/s per connessione fino a 2048 I/O su moduli remoti AlbreXX
- Temperatura operativa: 5 C° ~ 40 C°

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DWG NO.	—	SH	—	REV.	—
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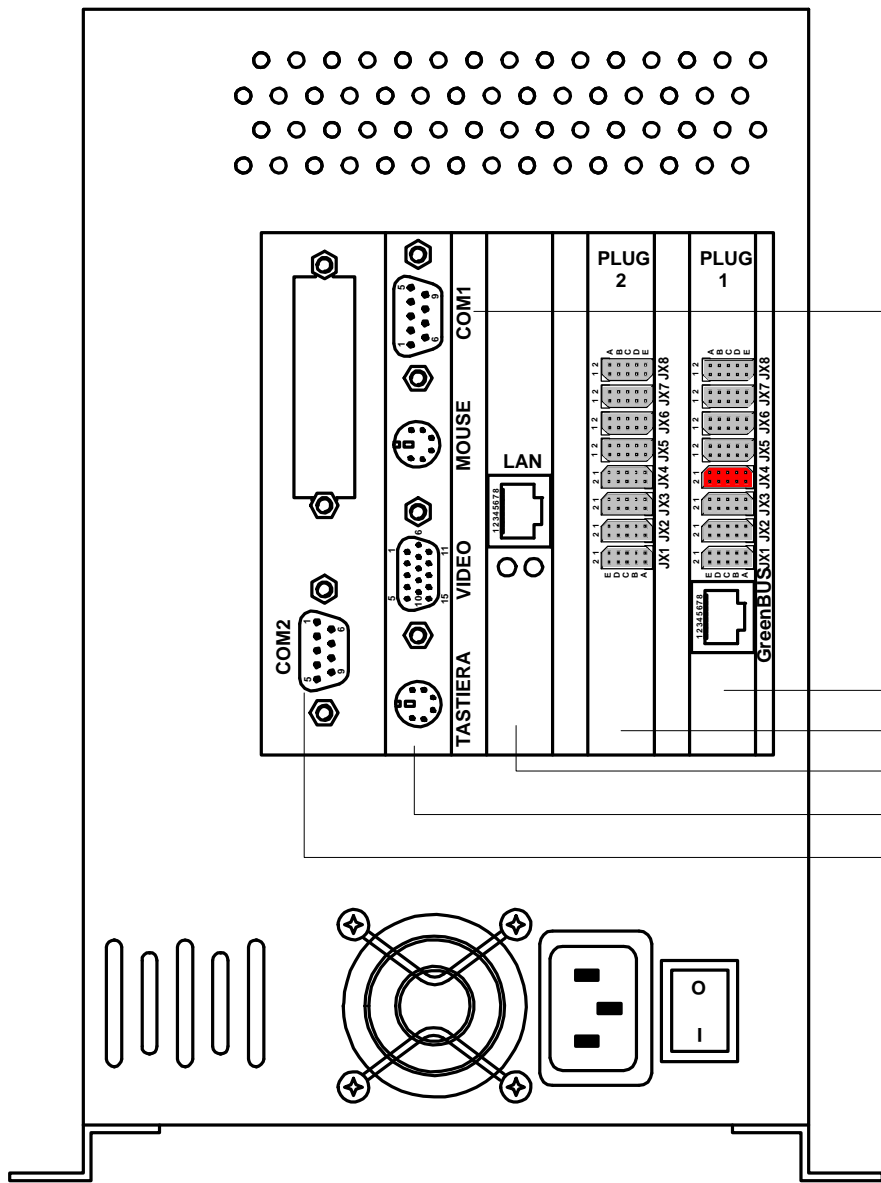
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RS 232

SCHEDA ALBNT+ALBNT

SCHEDA ALBNT/E+ALBNT

SCHEDA INTELLINET 10 Mbps

SCHEDA PC 1500E

RS 485

TITLE				
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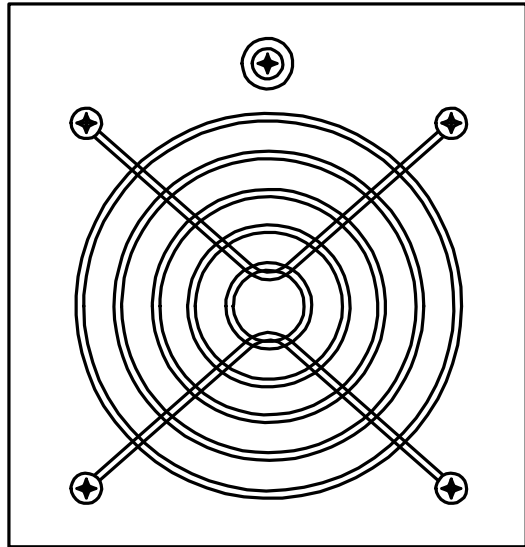
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CLIPPER 4
S/N 0000 4/2002
NT- EMBEDDED
made in TPA SpA - ITALY




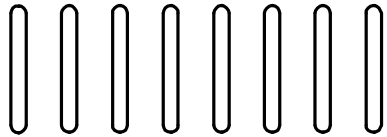
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CLIPPER
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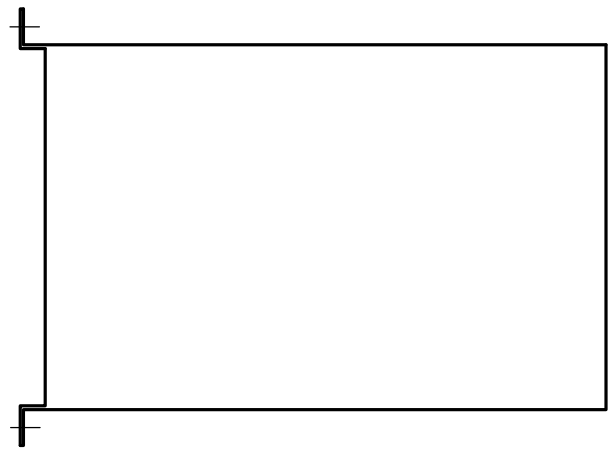
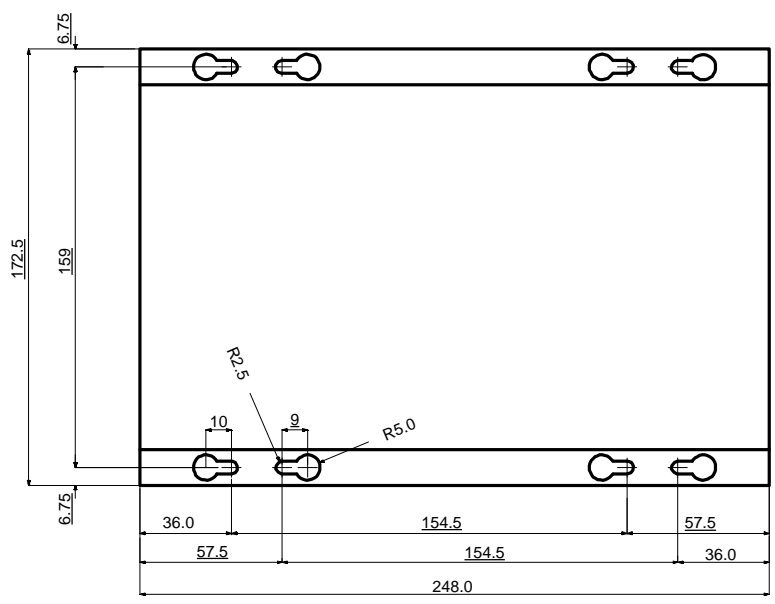
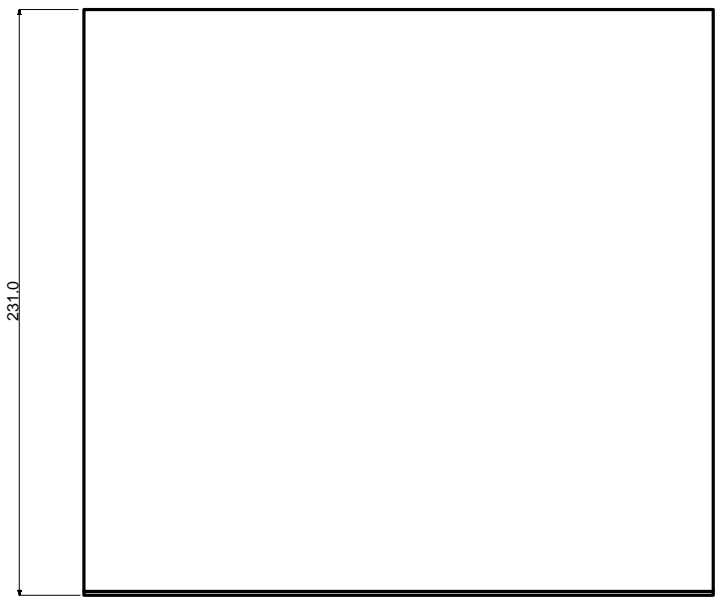
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DRAWN	SIZE	DATE	DWG NO.	REV.	
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CHECKED	SCALE	ACAD	SHEET	1 OF 1	
	1:1	—	1		

8 7 6 5 4 3 2

DWG NO. - SK - REV. -

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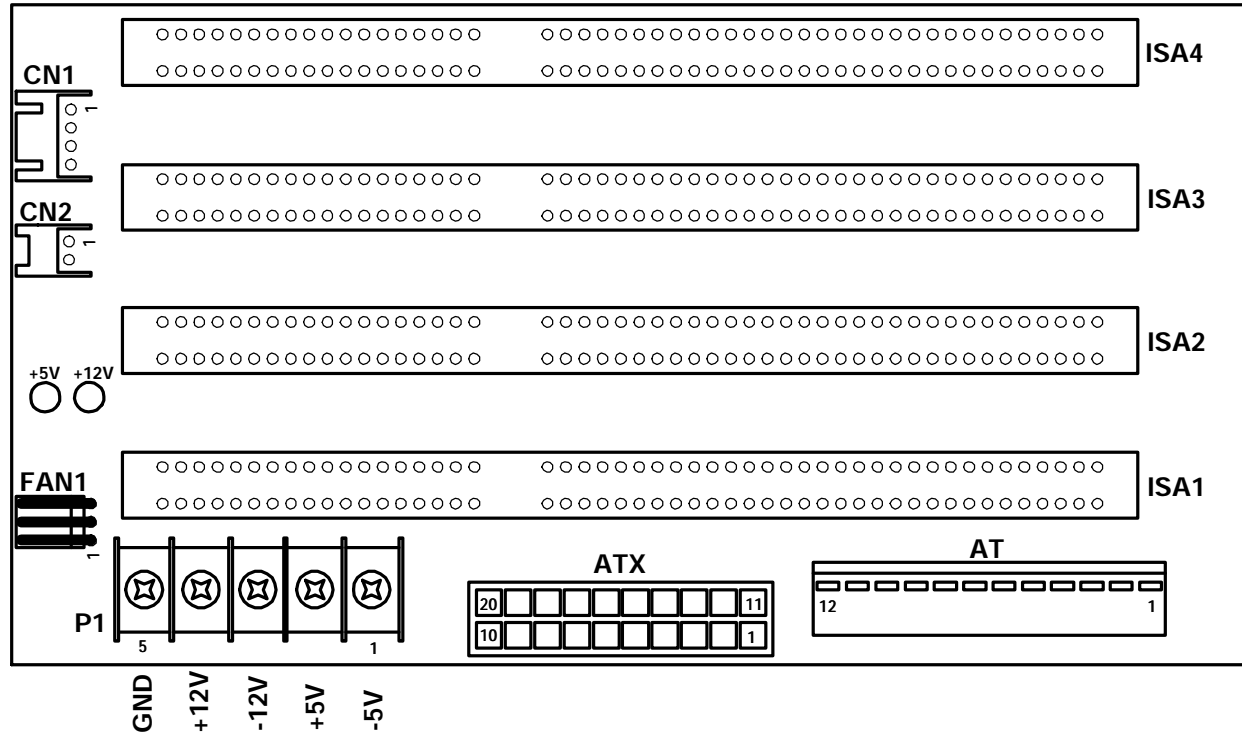
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le quote sottolineate non sono in scala

DIMENSIONI CLIPPER 4 modello chassis MCH314/KCH304			
REV.	DATE	DWG. NO.	REV.
D	10.04.2002	DIMCLIP4	-
SCALE	A3/D3	-	SHEET 1 OF 1

8 7 6 5 4 3 2



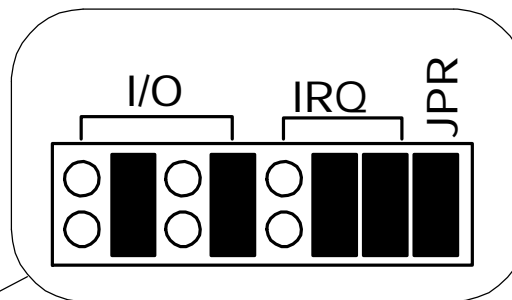
il cavo di alimentazione del Disk on Module viene cablato con i pin 2 (+5V) e 5 (GND) del connettore P1

i pin del connettore CN2 sono cortocircuitati

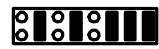
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BACKPANEL CBP-4I				
SIZE	DATE	DWG NO.	REV.	
A	14.3.2003	backpanel_bp4i	—	
SCALE	1:1	ACAD	—	SHEET 1 OF 1

INDIRIZZO I/O: 220H

IRQ: 5



JP1



TITLE			
CARD ISA 506267			
SIZE	DATE	DWG NO.	REV.
A	30.11.2001	LANCARD	—
CHECKED	SCALE	ACAD	SHEET
	1:1	—	1 OF 1

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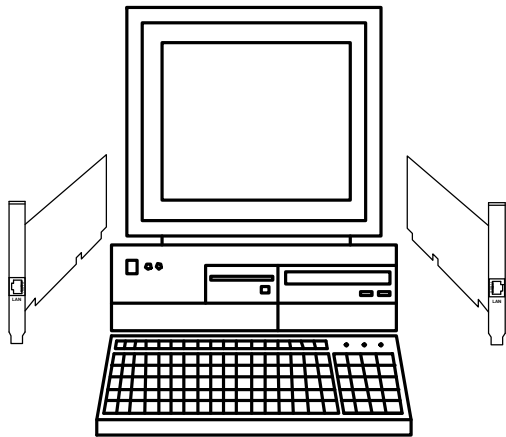
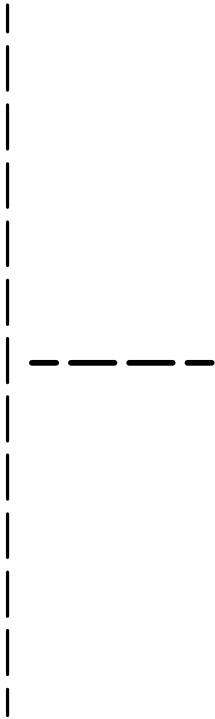
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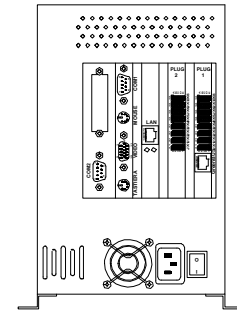
RETE AZIENDALE



PC di SUPERVISIONE



CAVO CROSS
max 100 mt



CLIPPER 4

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TITLE				COLLEGAMENTO MONOMODULO			
DRAWN		SIZE	DATE	DWG NO.		REV.	
		B	14.3.2003	MONMOD_new			
CHECKED		SCALE	ACAD	SHEET		1 OF 1	

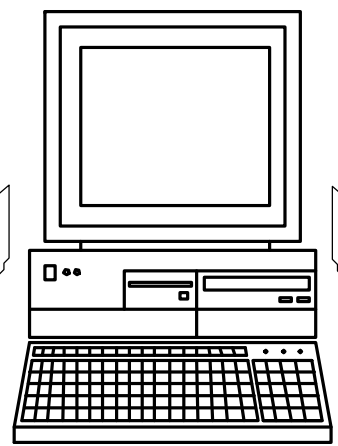
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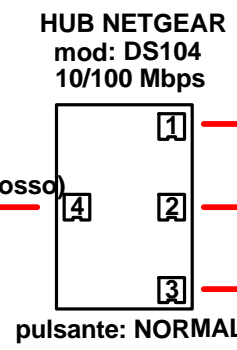
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RETE AZIENDALE



PC di SUPERVISIONE

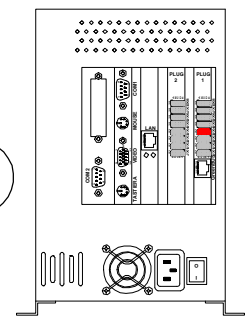
CAVO STANDARD (rosso)
max 15 mt



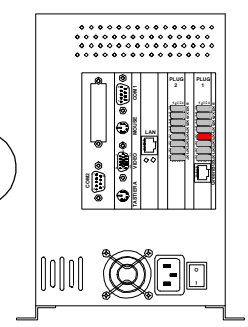
CAVO STANDARD (rosso)
max 100 mt

CAVO STANDARD (rosso)
max 100 mt

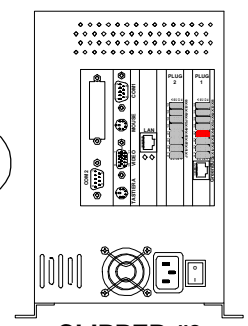
CAVO STANDARD (rosso)
max 100 mt



CLIPPER #1



CLIPPER #2



CLIPPER #3

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TITLE			
COLLEGAMENTO MULTIMODULO			
DRAWN	SIZE B	DATE 14.3.2003	DWG NO. MULMOD_new
CHECKED	SCALE	ACAD	SHEET 1 OF 1

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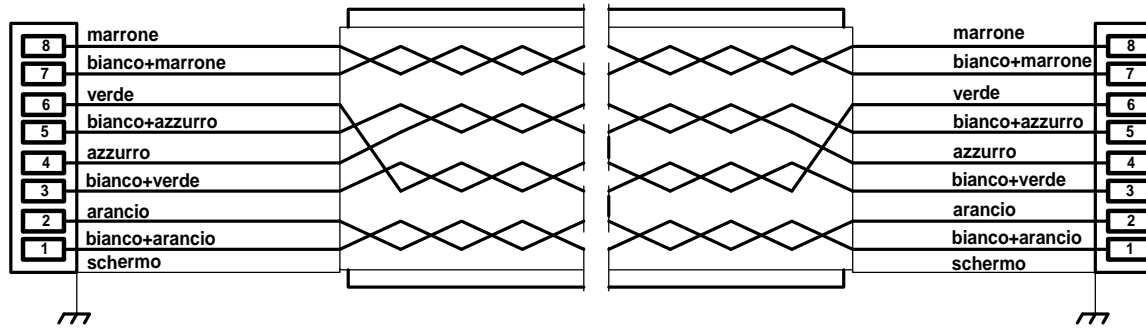
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su entrambi i connettore RJ45 la sequenza dei colori è conforme alla normativa T568B



connettore RJ45

cavo PATCH rosso categoria 5 flessibile e schermato STP omologato IEEE802.3 e 802.3U

testato a 100 Mbps

4 x 2 x AWG26

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TITLE				CAVO RETE STANDARD			
DRAWN		SIZE	DATE	DWG NO.		REV.	
		B	15.12.2000	RETESTD			
CHECKED		SCALE	ACAD	SHEET		1 OF 1	

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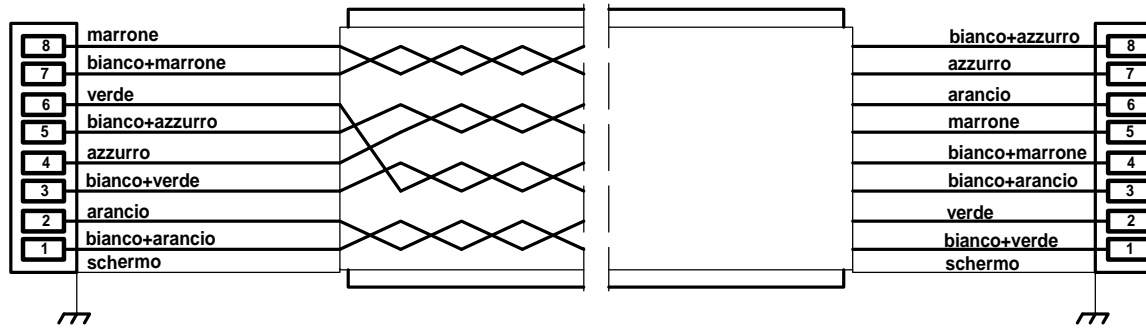
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sul connettore RJ45 la sequenza dei colori è conforme alla normativa T568B



connettore RJ45 con cappuccio verde

**cavo PATCH categoria 5 flessibile e schermato STP
omologato IEEE802.3 e 802.3U
testato a 100 Mbps
4 x 2 x AWG26**

TITLE		CAVO RETE CROSS		
DRAWN	SCALE	DATE	DWG NO.	REV.
CHECKED		15.12.2000	RETECRS	
SHEET		1 OF 1		

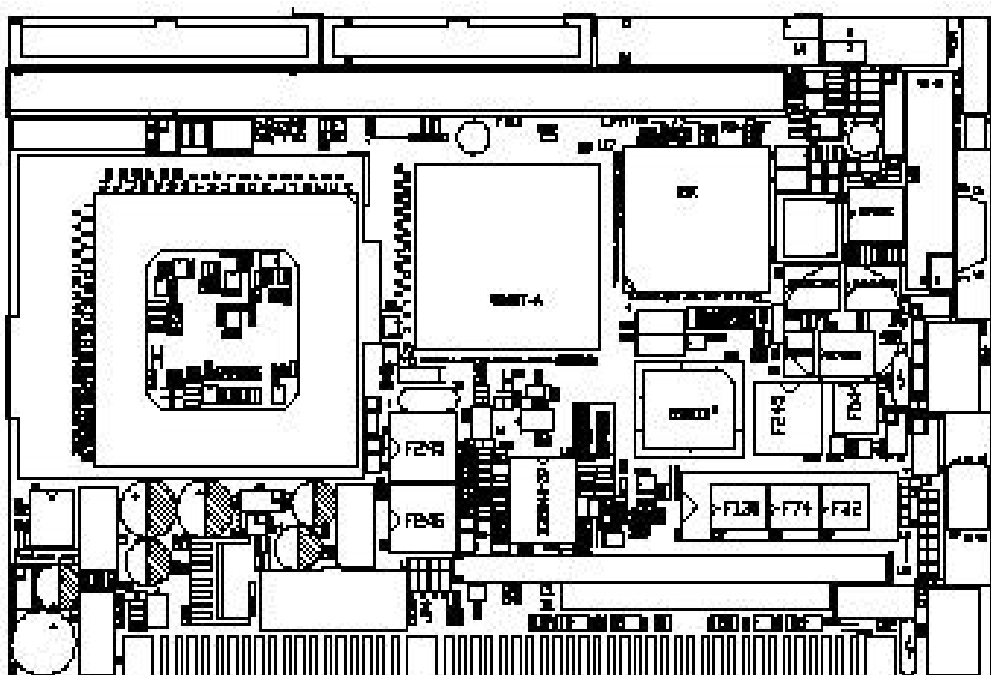
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MSC1500E scheda CPU K6-II half size ISA bus



Processore:	AMD K6-II / 500 Mhz con dissipatore ball bearing
Bus clock rate:	100 Mhz
Cache L2:	512Kb pipeline burst SRAM
Memoria principale:	128 Mb One 168 pin DIMM sockets
Porta seriale:	1 RS-232 e 1 RS 485
Porta parallela:	1 OCE/EPP/SPP
SSD:	Disk on Module, 32Mb
Alimentazione:	+5V (4.75 ~5.25V) e +12V (11.4 ~12.6V)
Dimensioni:	185 x 122 (mm) / 7.3 x 4.8 (pollici)
Temperatura operativa:	5 C° ~ 38 C° (ambiente)
Umidità relativa:	5% ~ 85% non condensata
EMI:	CE classe A / FCC Classe A
MTBF:	50.000 ore



NETGEAR's Dual Speed hubs— highly capable and very compact



10/100 Mbps Dual Speed Hub

DS104 DS106 DS108 DS116

NETGEAR's DS100 Series 10/100 Mbps Dual Speed Stackable Hubs connect PCs to share e-mail, Internet access, printers, and files. Their exceptional adaptability enables you to mix and match 10 and 100 Mbps PCs, servers, and peripherals on the same network with ease and without any configuration required. Every hub in the DS100 family offers multiple capabilities in a very compact and affordable unit, particularly designed for small business use.

ALERT

Auto-sensing dual-speed ports individually sense and adjust to run at 10 or 100 Mbps, allowing you to upgrade your network speed effortlessly.

SELF-RELIANT

Every port automatically operates at the proper speed, while the built-in 10 to 100 Mbps bridge automatically discovers where each user is and filters or forwards traffic accordingly.

EXPLICIT

Network ports with built-in LEDs provide clear and intuitive status. In addition, two LED bar graphs provide online status of network usage and alert you to potential network overload (excepting model DS116).

MIX & MATCH

All devices on the same network—whether connected at 10 Mbps or 100 Mbps—operate at maximum performance.

NEAT

Compact metal case design gives you an uncluttered desktop and enables wall-mount installation.



DS104/DS108 shown

Help is there when you need it!

NETGEAR provides free, 24x7

telephone and e-mail technical

support in English with selected

local language support during

office hours.

NETGEAR Inc.
 4500 Great America Parkway
 Santa Clara, CA 95054
 USA

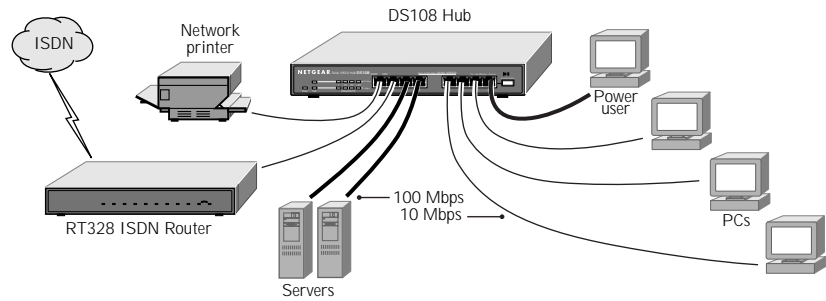
Phone: 1-888-NETGEAR
 E-mail: support@NETGEAR.com
 www.NETGEAR.com

In Country Phone Support
 (24x7 phone support in English, local language support during office hours.)

Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Denmark	808-82179	New Zealand	00800-1233-4566
Canada	1-888-NETGEAR	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
Japan	0120-66-5402	United States	1-888-NETGEAR
		All Other Countries	+1 801-236-8499

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October 2000



TECHNICAL SPECIFICATIONS

DS104

Network Ports

4 RJ-45 ports

Dimensions

W 158 mm (6.2")

D 101 mm (4.0")

H 27 mm (1.1")

Weight

0.4 kg (.87 lb)

AC Power

10 W

DS106

6 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.58 kg (1.3 lb)

12 W

DS108

8 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.01")

0.74 kg (1.7 lb)

13 W

DS1116

16 RJ-45 ports

W 286 mm (11.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.9 kg (2.0 lb)

18 W

Standards Compliance

IEEE 802.3i 10BASE-T Ethernet

IEEE 802.3u 100BASE-TX Fast Ethernet

Built-in 10-to-100 Mbps bridge

Compatible with all popular network software, including Windows®,

NetWare, and Unix

Status LEDs

Unit: power

10 Mbps segment: utilization%, collision

100 Mbps segment: utilization%, collision

Per network port: 10 or 100 Mbps operations link, receive data

Power Adapter

12VDC 1.2A (DS104/106/108)

5VDC 5.0A (DS116)

Localized plug for North America, Japan, UK, Europe, Australia

Environmental Specifications

Operating temperature: 0 to 40° C

Operating humidity: 90% maximum relative humidity, noncondensing

Electromagnetic Compliance

CE mark, commercial

FCC Part 15 Class A

EN 55 022 (CISPR 22), Class A

VCCI Class A

C-Tick

Safety Agency Approvals

(power adapter)

UL listed (UL 1950), cUL

TUV licensed (EN 60 950)

T-Mark

Warranty

Hub: 5 years

AC adapter: 1 year

PACKAGE CONTENTS

Dual speed hub

2-piece power switcher and cord

Wall-mount kit

User guide and Warranty card



D-DS100-001

NETGEAR™



CLIPPER 4C

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◆ Specifiche tecniche	<i>pagina 3</i>
◆ Layout	<i>pagine 4, 5</i>
◆ Dimensioni	<i>pagina 6</i>
◆ Backpanel	<i>pagina 7</i>
◆ Connessione monomodulo	<i>pagine 8</i>
◆ Connessione multimodulo	<i>pagina 9</i>
◆ Cavo standard	<i>pagina 10</i>
◆ Cavo cross	<i>pagine 11</i>
◆ Cpu MSC1600A	<i>pagina 12</i>
◆ Hub Netgear	<i>pagina 13, 14</i>

Clipper 4C

- **Unità di controllo basato su scheda PC**
- **Collegamento a PC di supervisione tramite Ethernet 100 Mb/s**
- **Configurazione fino a 16 assi e connessione a GreenBUS**
- **Sistema operativo Windows NT 4.0 Embedded**
- **Estensione real-time RTX**
- **Box industriale montaggio a pannello**
- **Dimensioni: 248 x 143 x 220 millimetri**



Clipper 4C

- Scheda CPU basata su microprocessore Intel Celeron 850 Mhz 128 Mbytes SDRAM
- Disk on Module 32Mbytes
- Interfaccia rete Ethernet 10/100 Mb/s
- n° 1 RS-232 e n° 1 RS-485
- Backplane 4 Slot ISA
- Alimentatore ATX 150W
 - ✓ Input AC 115 / 230 V
 - ✓ Output :

+ 5 V	16 A
+ 12 V	5 A
- 5 V	0.2 A
- 12 V	0.3 A
+ 3.3 V	7 A
- Configurazione fino a 16 assi analogici o digitali
- Driver GreenBUS 1 Mb/s per connessione fino a 2048 I/O su moduli remoti AlbreXX
- Temperatura operativa: 5 C° ~ 40 C°



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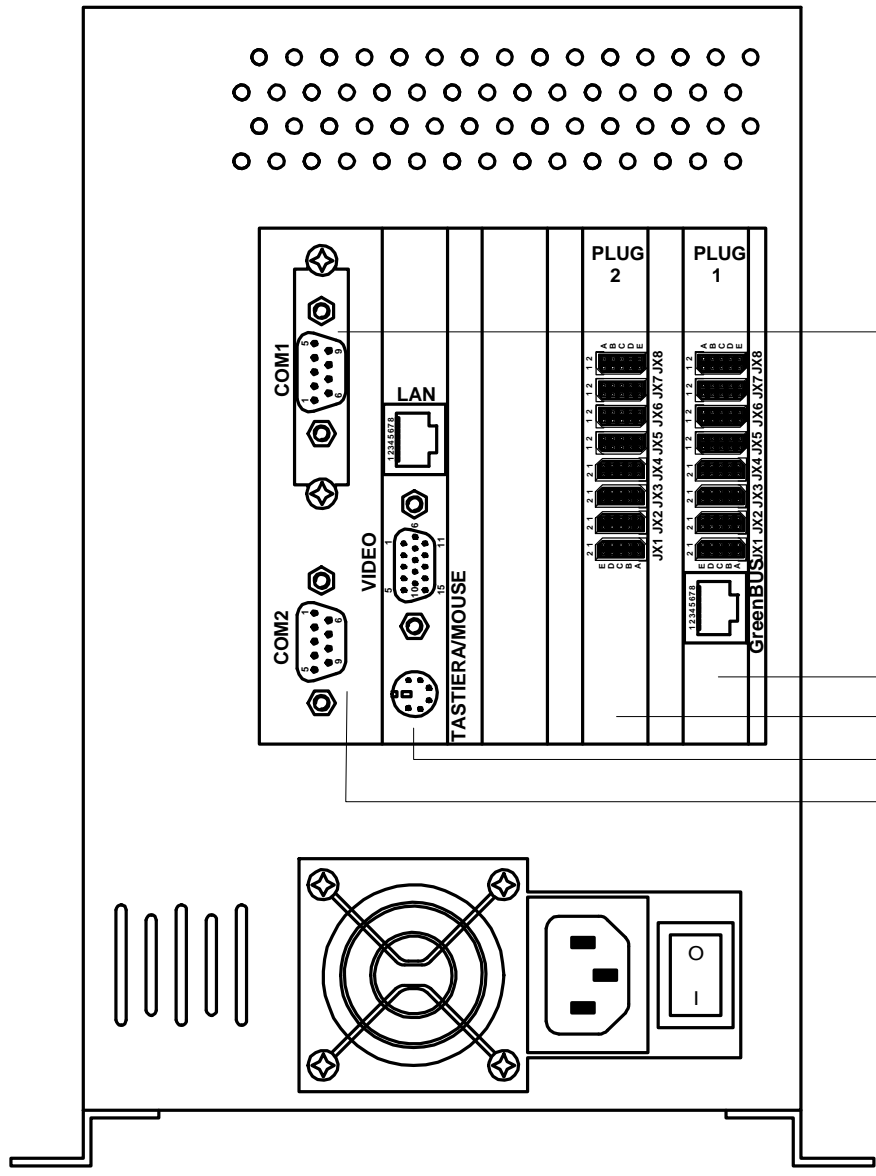
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RS 232

SCHEDA ALBNT+ALBENT

SCHEDA ALBNT/E+ALBENT

SCHEDA PC 1600A

RS 485

TITLE				
CLIPPER4C FRONT				
SIZE	DATE	DWG NO.	REV.	
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SCALE	1:1	ACAD	SHEET	1 OF 1

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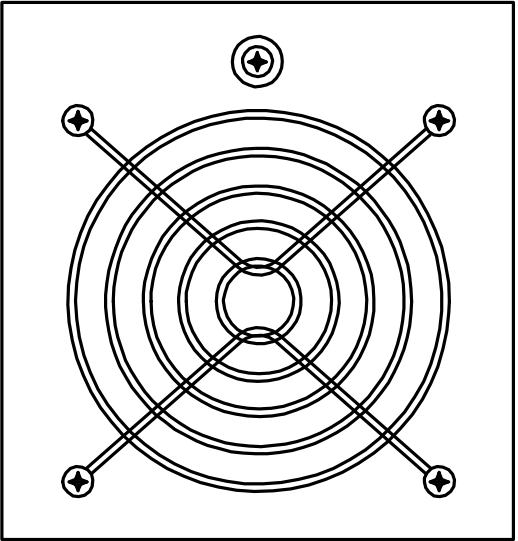
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CLIPPER 4C
S/N 0000 12/2002
NT- EMBEDDED
made in TPA SpA - ITALY




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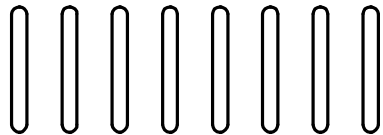
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CLIPPER
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TITLE					
CLIPPER 4C BACK					
SIZE	DATE	DWG NO.	REV.		
B	17.03.2003	CLIP4C_2	—		
SCALE	1:1	ACAD	SHEET	1 OF 1	

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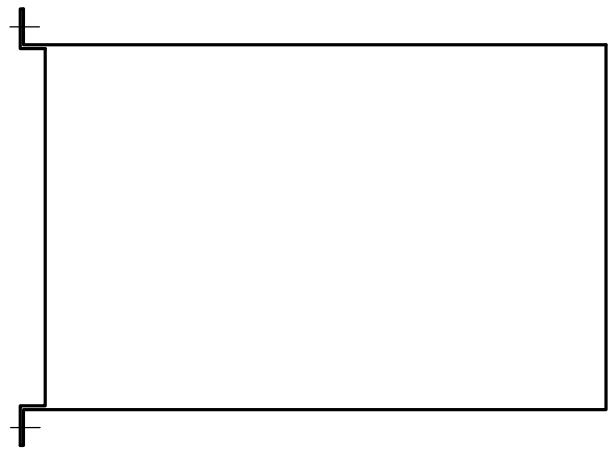
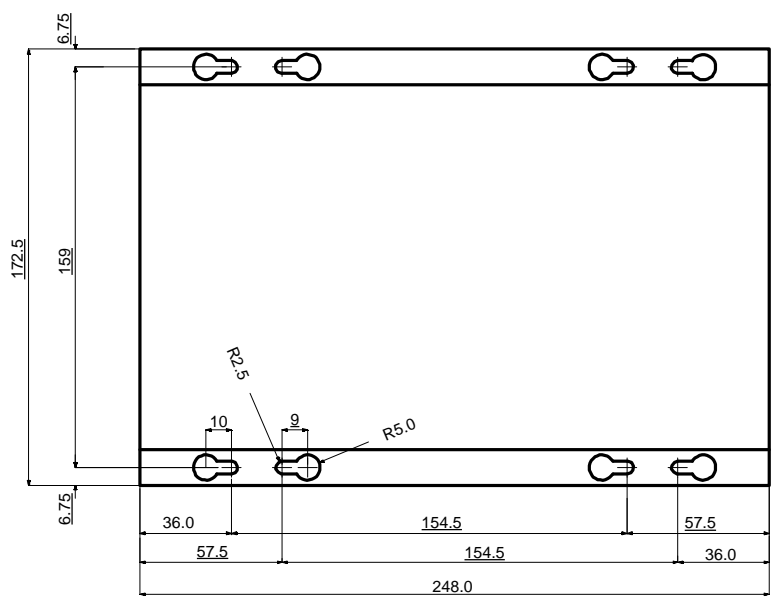
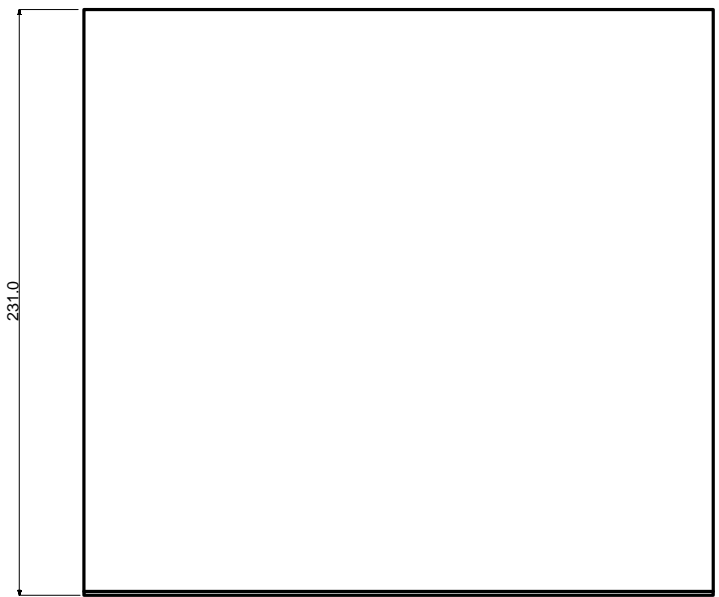


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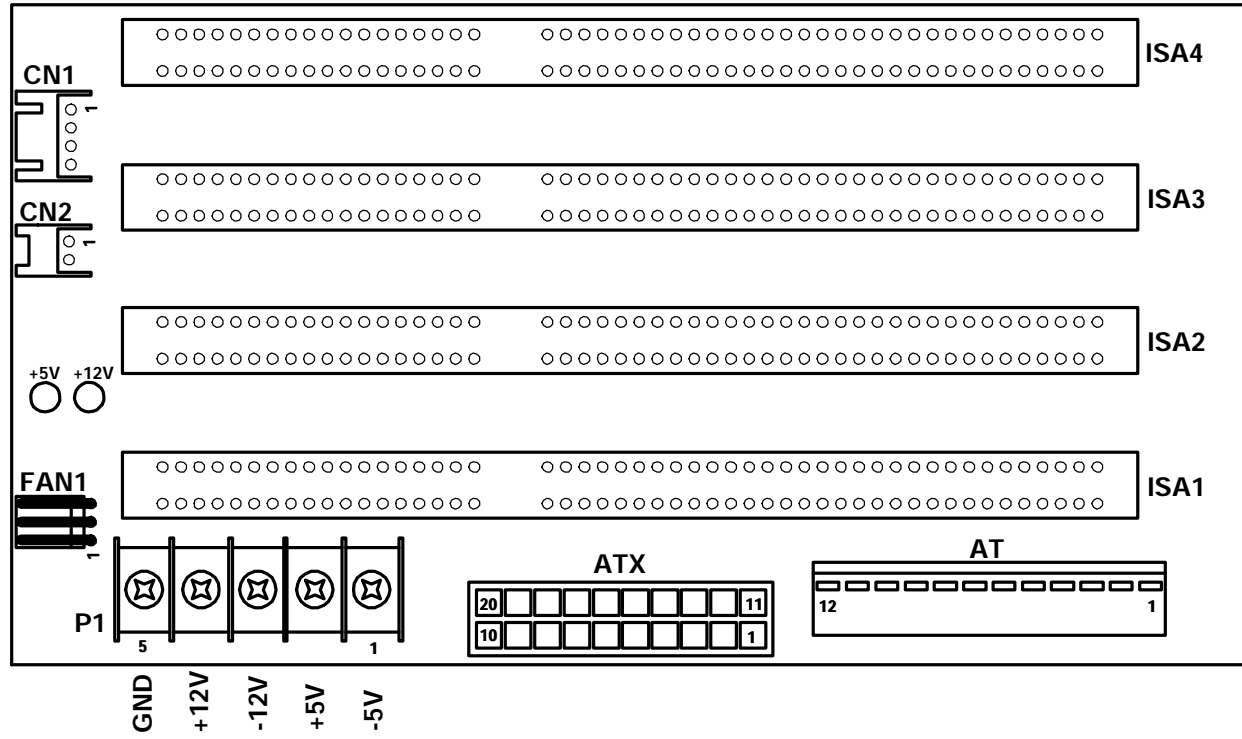
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le quote sottolineate non sono in scala

DIMENSI D				DATE 10.04.2002	DWG. NO. DIMCLIP4	REV. -
SCALE -		AZIO -		SHEET 1 OF 1		

8 7 6 5 4 3 2 1



il cavo di alimentazione del Disk on Module viene cablato con i pin 2 (+5V) e 5 (GND) del connettore P1

i pin del connettore CN2 sono cortocircuitati

TITLE				
BACKPANEL CBP-4I				
SIZE	DATE	DWG NO.	REV.	
A	14.3.2003	backpanel_bp4i	—	
SCALE	1:1	ACAD	—	SHEET 1 OF 1

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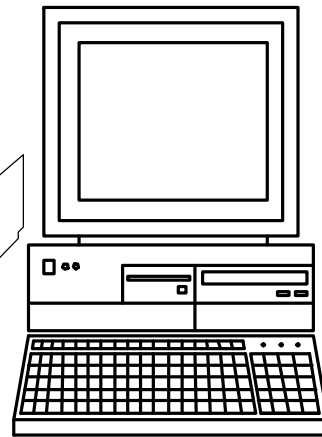
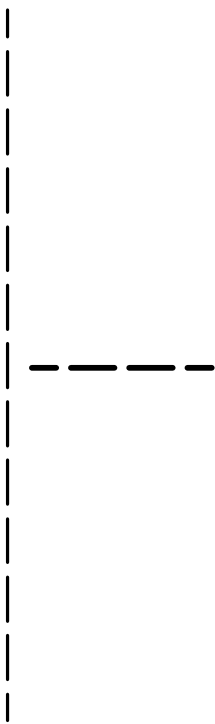
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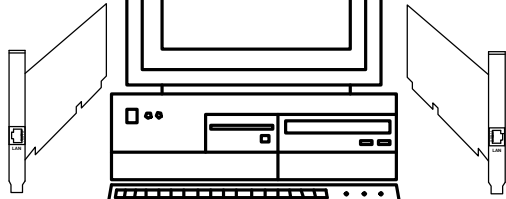
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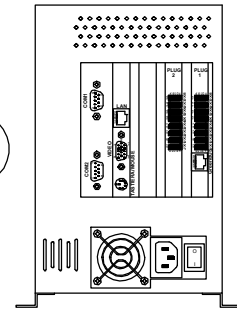
RETE AZIENDALE



PC di SUPERVISIONE



CAVO CROSS
max 100 mt



CLIPPER4C

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TITLE			
COLLEGAMENTO MONOMODULO			
SIZE	DATE	DWG NO.	REV.
B	17.03.2003	MONMOD_4C	
SCALE	ACAD	SHEET	1 OF 1

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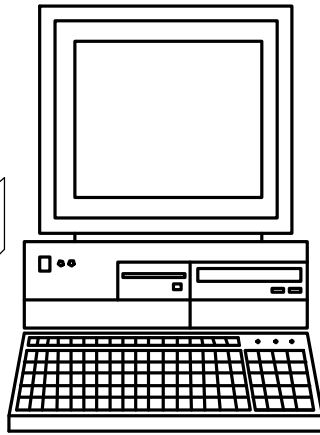
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RETE AZIENDALE



PC di SUPERVISIONE

CAVO STANDARD (rosso)
max 15 mt

HUB NETGEAR
mod: DS104
10/100 Mbps
pulsante: NORMAL

CAVO STANDARD (rosso)
max 100 mt

CAVO STANDARD (rosso)
max 100 mt

CAVO STANDARD (rosso)
max 100 mt

CLIPPER4C#1

CLIPPER4C#2

CLIPPER4C#3

TITLE				
COLLEGAMENTO MULTIMODULO				
SIZE	DATE	DWG NO.	REV.	
B	17.03.2003	MULMOD_4C		
SCALE	ACAD	SHEET	1 OF 1	

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DWG NO.	SIL	REV.
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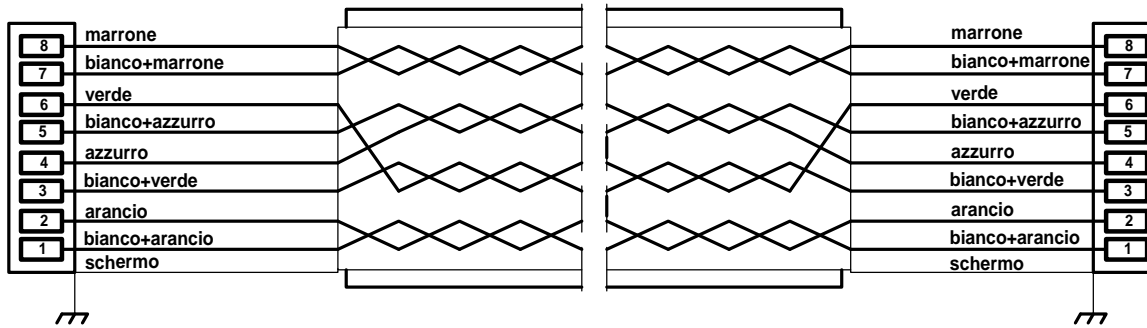
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su entrambi i connettore RJ45 la sequenza dei colori è conforme alla normativa T568B



connettore RJ45

cavo PATCH rosso categoria 5 flessibile e schermato STP omologato IEEE802.3 e 802.3U

testato a 100 Mbps

4 x 2 x AWG26

DRAWN		TITLE CAVO RETE STANDARD		DATE 15.12.2000	DWG NO. RETESTD	REV.
CHECKED	SCALE	ACAD	SHEET	1 OF 1		

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DWG NO.	SIL	REV.
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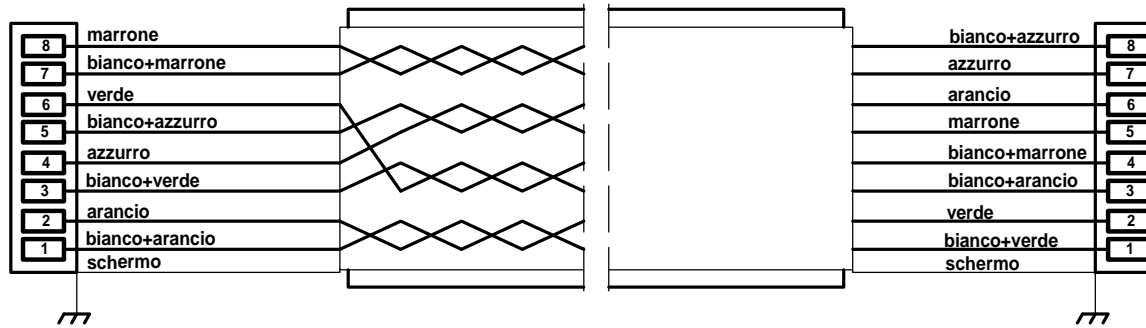
C

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sul connettore RJ45 la sequenza dei colori è conforme alla normativa T568B



connettore RJ45 con cappuccio verde

**cavo PATCH categoria 5 flessibile e schermato STP
omologato IEEE802.3 e 802.3U
testato a 100 Mbps
4 x 2 x AWG26**

TITLE		CAVO RETE CROSS		
DRAWN	SCALE	DATE	DWG NO.	REV.
		15.12.2000	RETECRS	
CHECKED	ACAD	SHEET		1 OF 1

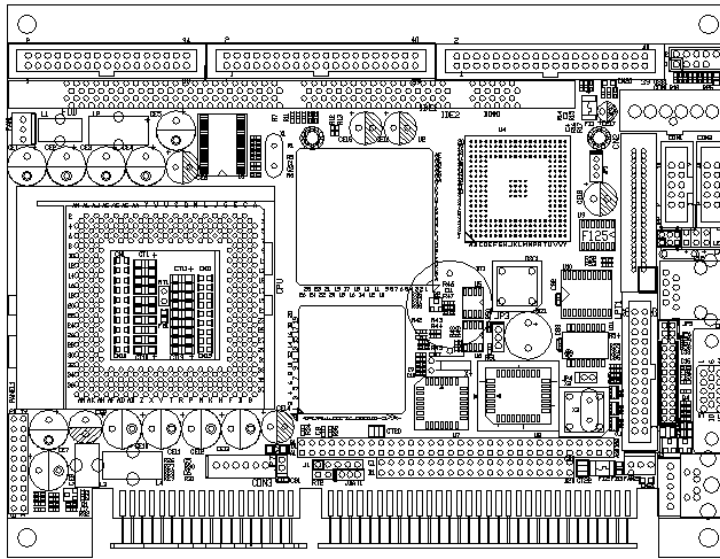
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MSC1600A *scheda CPU Intel Celeron 850Mhz half size ISA bus*



- Processore:** Intel celeron 850 Mhz con dissipatore ball bearing
- Bus clock rate:** 100 Mhz
- Cache L2:** 512Kb pipeline burst SRAM
- Memoria principale:** 128 Mb One 168 pin DIMM sockets
- Porta seriale:** 1 RS-232 e 1 RS-485
- SSD:** Disk on Module, 32Mb
- Alimentazione:** +5V (4.75 ~5.25V) e +12V (11.4 ~12.6V)
- Dimensioni:** 203 x 146 (mm) / 8 x 5.7(pollici)
- Temperatura operativa:** 5 C° ~ 38 C° (ambiente)
- Umidità relativa:** 5% ~ 85% non condensata
- EMI:** CE classe A / FCC Classe A
- MTBF:** 50.000 ore



NETGEAR's Dual Speed hubs— highly capable and very compact



10/100 Mbps Dual Speed Hub

DS104 DS106 DS108 DS116

NETGEAR's DS100 Series 10/100 Mbps Dual Speed Stackable Hubs connect PCs to share e-mail, Internet access, printers, and files. Their exceptional adaptability enables you to mix and match 10 and 100 Mbps PCs, servers, and peripherals on the same network with ease and without any configuration required. Every hub in the DS100 family offers multiple capabilities in a very compact and affordable unit, particularly designed for small business use.

ALERT

Auto-sensing dual-speed ports individually sense and adjust to run at 10 or 100 Mbps, allowing you to upgrade your network speed effortlessly.

SELF-RELIANT

Every port automatically operates at the proper speed, while the built-in 10 to 100 Mbps bridge automatically discovers where each user is and filters or forwards traffic accordingly.

EXPLICIT

Network ports with built-in LEDs provide clear and intuitive status. In addition, two LED bar graphs provide online status of network usage and alert you to potential network overload (excepting model DS116).

MIX & MATCH

All devices on the same network—whether connected at 10 Mbps or 100 Mbps—operate at maximum performance.

NEAT

Compact metal case design gives you an uncluttered desktop and enables wall-mount installation.



DS104/DS108 shown

Help is there when you need it!

NETGEAR provides free, 24x7

telephone and e-mail technical

support in English with selected

local language support during

office hours.

NETGEAR Inc.
 4500 Great America Parkway
 Santa Clara, CA 95054
 USA

Phone: 1-888-NETGEAR
 E-mail: support@NETGEAR.com
 www.NETGEAR.com

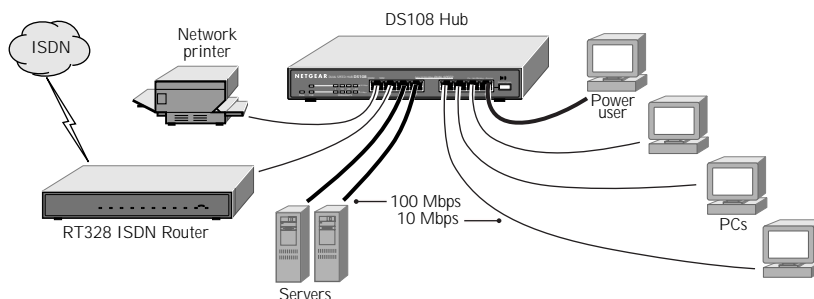
In Country Phone Support

(24x7 phone support in English, local language support during office hours.)

Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Denmark	808-82179	New Zealand	00800-1233-4566
Canada	1-888-NETGEAR	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
Japan	0120-66-5402	United States	1-888-NETGEAR
		All Other Countries	+1 801-236-8499

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October 2000



TECHNICAL SPECIFICATIONS

DS104

Network Ports

4 RJ-45 ports

Dimensions

W 158 mm (6.2")

D 101 mm (4.0")

H 27 mm (1.1")

Weight

0.4 kg (.87 lb)

AC Power

10 W

DS106

6 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.58 kg (1.3 lb)

12 W

DS108

8 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.01")

0.74 kg (1.7 lb)

13 W

DS1116

16 RJ-45 ports

W 286 mm (11.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.9 kg (2.0 lb)

18 W

Standards Compliance

IEEE 802.3i 10BASE-T Ethernet

IEEE 802.3u 100BASE-TX Fast Ethernet

Built-in 10-to-100 Mbps bridge

Compatible with all popular network software, including Windows®, NetWare, and Unix

Status LEDs

Unit: power

10 Mbps segment: utilization%, collision

100 Mbps segment: utilization%, collision

Per network port: 10 or 100 Mbps operations link, receive data

Power Adapter

12VDC 1.2A (DS104/106/108)

5VDC 5.0A (DS116)

Localized plug for North America, Japan, UK, Europe, Australia

Environmental Specifications

Operating temperature: 0 to 40° C

Operating humidity: 90% maximum relative humidity, noncondensing

Electromagnetic Compliance

CE mark, commercial

FCC Part 15 Class A

EN 55 022 (CISPR 22), Class A

VCCI Class A

C-Tick

Safety Agency Approvals

(power adapter)

UL listed (UL 1950), cUL

TUV licensed (EN 60 950)

T-Mark

Warranty

Hub: 5 years

AC adapter: 1 year

PACKAGE CONTENTS

Dual speed hub

2-piece power switcher and cord

Wall-mount kit

User guide and Warranty card



D-DS100-001

www.NETGEAR.com

NETGEAR™



CLIPPER 4 DOC

◆ Descrizione	<i>pagina 2</i>
◆ Specifiche tecniche	<i>pagina 3</i>
◆ Layout	<i>pagine 4, 5</i>
◆ Dimensioni	<i>pagina 6</i>
◆ Connessione monomodulo	<i>pagine 7</i>
◆ Connessione multimodulo	<i>pagina 8</i>
◆ Cavo standard	<i>pagina 9</i>
◆ Cavo cross	<i>pagine 10</i>
◆ Cpu MSC1500E	<i>pagina 11</i>
◆ Hub Netgear	<i>pag. 12, 13</i>

Clipper 4

- **Unità di controllo basato su scheda PC**
- **Collegamento a PC di supervisione tramite Ethernet 10 Mb/s**
- **Configurazione fino a 16 assi e connessione a GreenBUS**
- **Sistema operativo Windows NT 4.0 Embedded**
- **Estensione real-time RTX**
- **Box industriale montaggio a parete**
- **Dimensioni: 248 x 143 x 220 millimetri**



Clipper 4

- Scheda CPU basata su microprocessore AMD K6 II 500 Mhz 128 Mbytes SDRAM
- Disk on Chip 24Mbytes
- Interfaccia rete Ethernet 10/100 Mb/s
- n° 1 RS-232 e n° 1 RS-485
- Backplane 4 Slot ISA
- Alimentatore ATX 150W
 - ✓ Input AC 115 / 230 V
 - ✓ Output :

+ 5 V	16 A
+ 12 V	5 A
- 5 V	0.2 A
- 12 V	0.3 A
+ 3.3 V	7 A
+ 5VBS	0.8A
- Configurazione fino a 16 assi analogici o digitali
- Driver GreenBUS 1 Mb/s per connessione fino a 2048 I/O su moduli remoti AlbreXX
- Temperatura operativa: 5 C° ~ 40 C°



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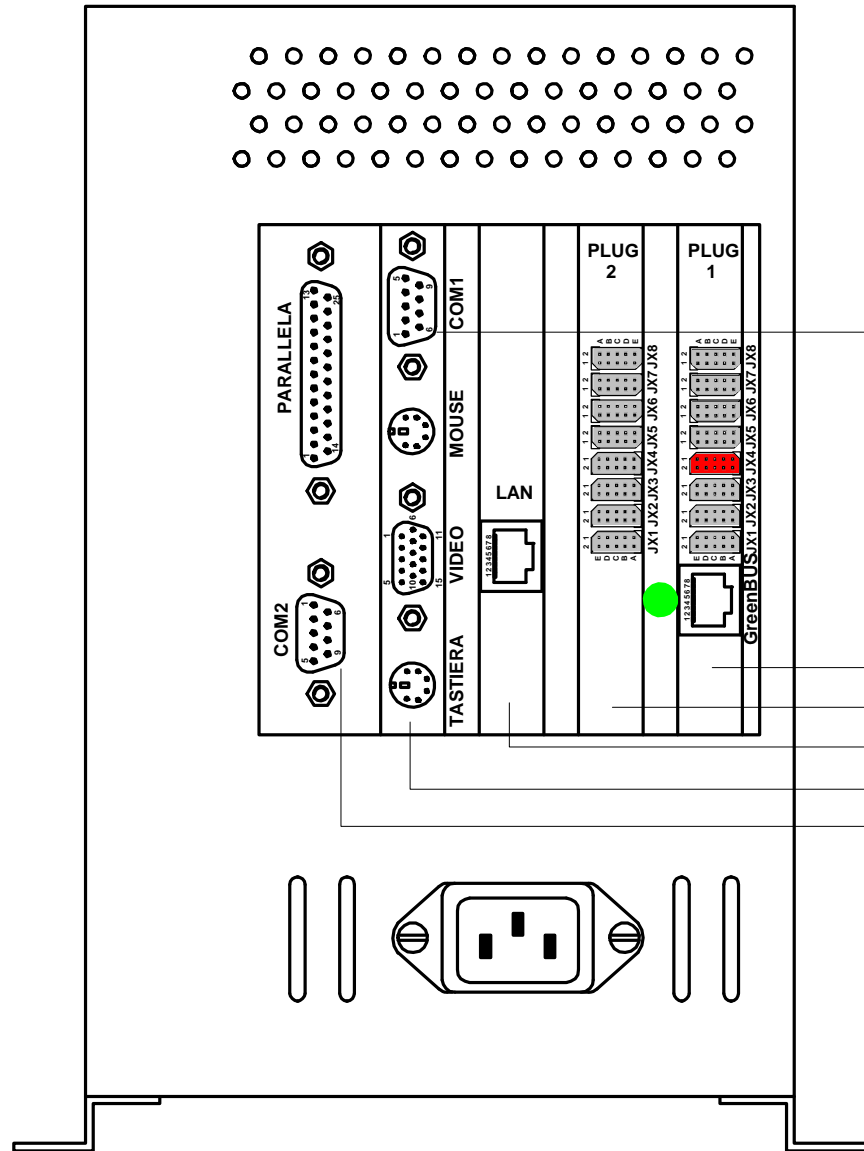
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RS 232

SCHEDA ALBNT+ALBENT

SCHEDA ALBNT/E+ALBENT

SCHEDA ETHERLINK 3C509B

SCHEDA PC 1500E

RS 485

TITLE					
CLIPPER 4 FRONT					
SIZE	DATE	DWG NO.	REV.		
B	18.3.2003	CLIP4_1	-		
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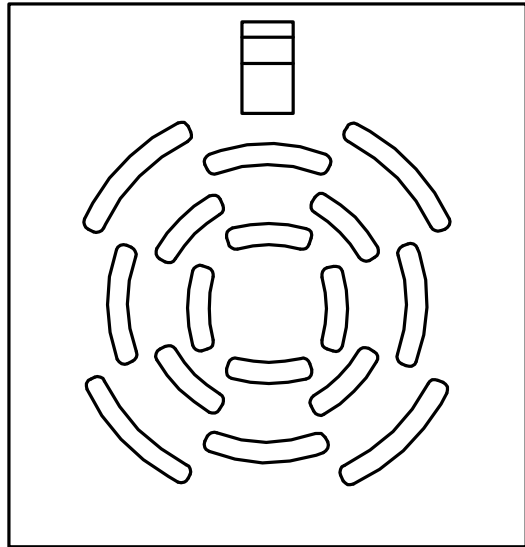
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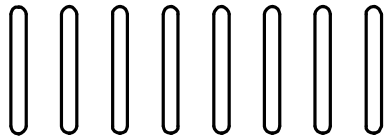
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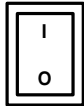
CLIPPER 4
 S/N 0000 12/2000
 NT- EMBEDDED
 made in TPA SpA - ITALY



CLIPPER 4 **tpa**
 NT EMBEDDED



POWER



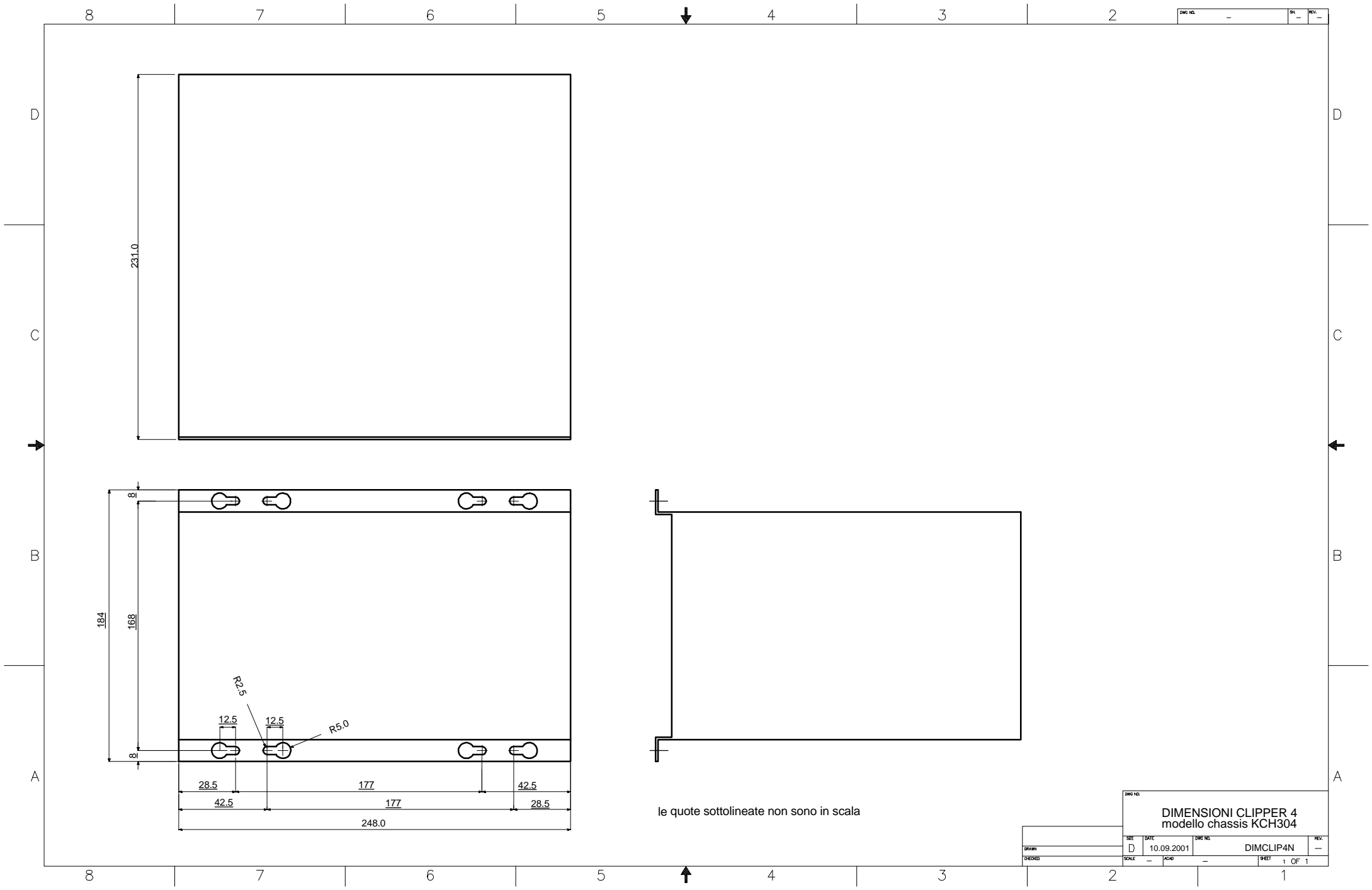
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CLIPPER 4 BACK					
SIZE	DATE	DWG NO.	REV.		
B	24.11.2000	CLIP4_2	—		
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DWG NO.					
DIMENSIONI CLIPPER 4					
modello chassis KCH304					
SIZE	DATE	DWG NO.			REV.
D	10.09.2001		DIMCLIP4N		-
SCALE	-	ACAD	-	SHEET	1 OF 1

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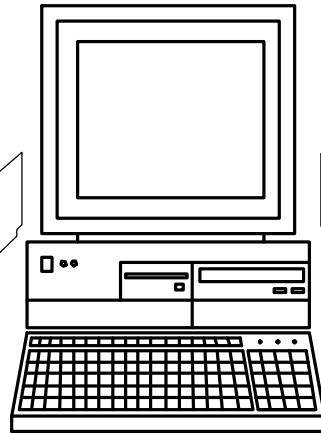
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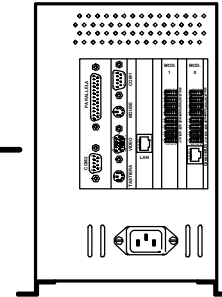
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RETE AZIENDALE



PC di SUPERVISIONE

CAVO CROSS
max 100 mt



CLIPPER

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DRAWN		TITLE		DATE		DWG NO.		REV.	
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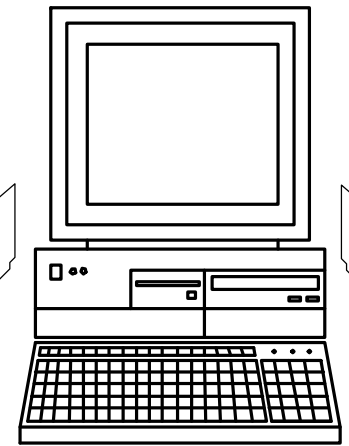
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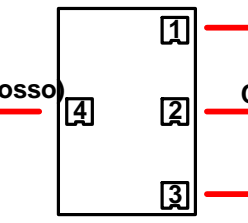
RETE AZIENDALE



PC di SUPERVISIONE

CAVO STANDARD (rosso)
max 15 mt

HUB NETGEAR
mod: DS104
10/100 Mbps



pulsante: NORMAL

CAVO STANDARD (rosso)

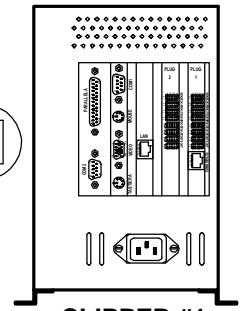
max 100 mt

CAVO STANDARD (rosso)

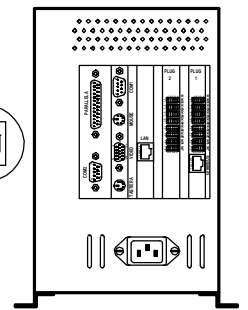
max 100 mt

CAVO STANDARD (rosso)

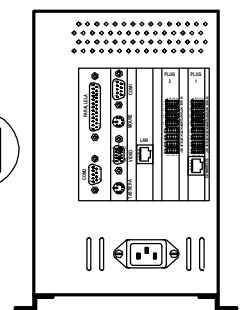
max 100 mt



CLIPPER #1



CLIPPER #2



CLIPPER #3

TITLE				
COLLEGAMENTO MULTIMODULO				
SIZE	DATE	DWG NO.	REV.	
B	17.3.2003	MULMOD		
CHECKED	SCALE	ACAD	SHEET	1 OF 1

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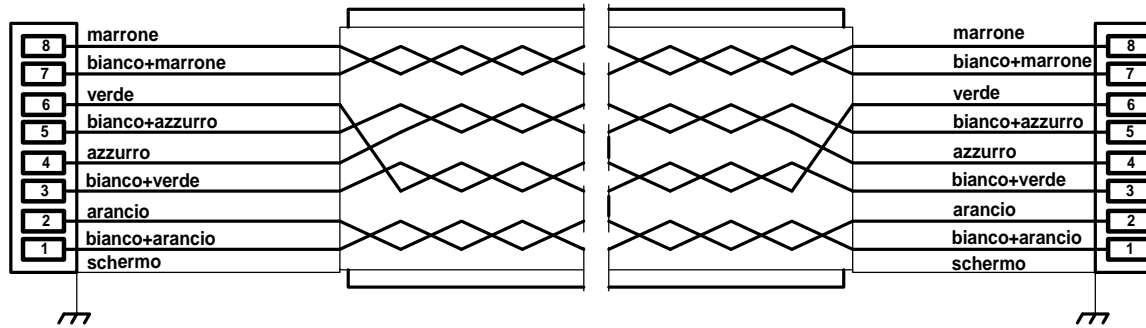
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su entrambi i connettore RJ45 la sequenza dei colori è conforme alla normativa T568B

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B



connettore RJ45

cavo PATCH rosso categoria 5 flessibile e schermato STP omologato IEEE802.3 e 802.3U

testato a 100 Mbps

4 x 2 x AWG26

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TITLE				CAVO RETE STANDARD			
DRAWN		SIZE	DATE	DWG NO.		REV.	
		B	15.12.2000	RETESTD			
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DWG NO.	SIL	REV.
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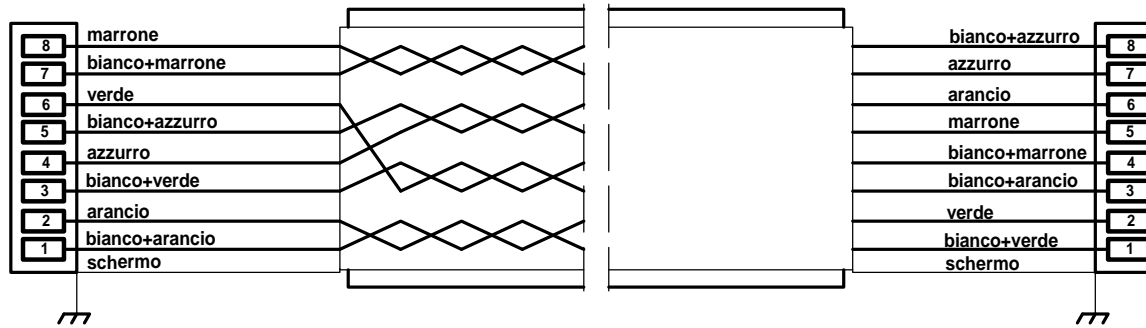
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sul connettore RJ45 la sequenza dei colori è conforme alla normativa T568B



connettore RJ45 con cappuccio verde

**cavo PATCH categoria 5 flessibile e schermato STP
omologato IEEE802.3 e 802.3U
testato a 100 Mbps
4 x 2 x AWG26**

DRAWN		TITLE CAVO RETE CROSS		DATE 15.12.2000	DWG NO. RETECRS	REV.
CHECKED	SCALE	ACAD	SHEET	1 OF 1		

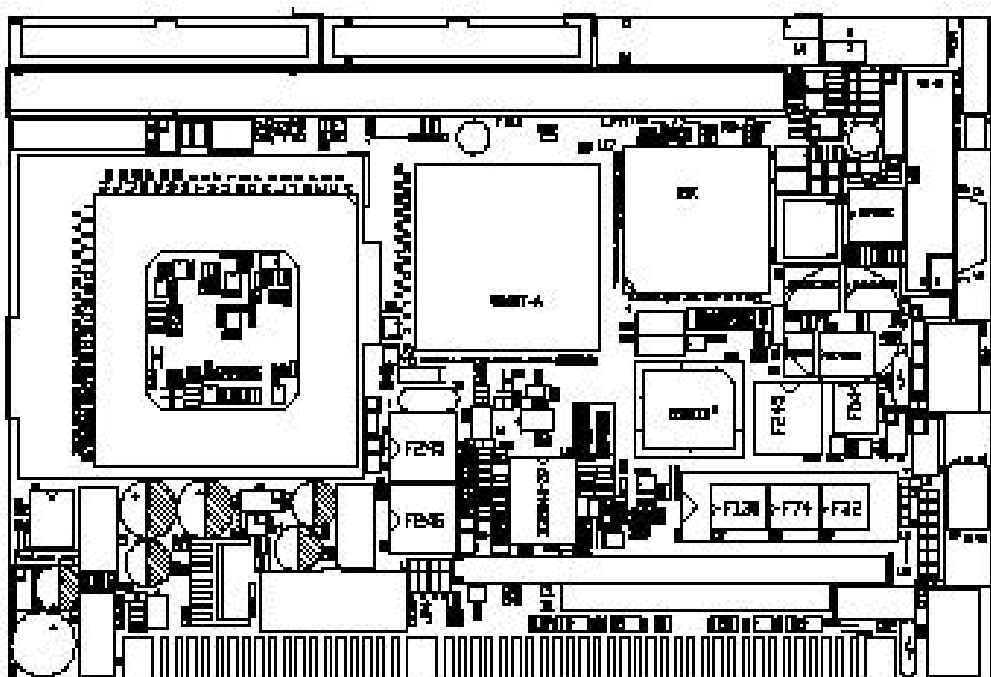
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MSC1500E scheda CPU K6-II half size ISA bus



Processore:	AMD K6-II / 500 Mhz
Bus clock rate:	100 Mhz
Cache L2:	512Kb pipeline burst SRAM
Memoria principale:	64 Mb One 168 pin DIMM sockets con ECC/parità
Porta seriale:	1 RS-232 e 1 RS-485
Porta parallela:	1 OCE/EPP/SPP
SSD:	M-system Disk on chip flash disk, 24Mb
Alimentazione:	+5V (4.75 ~5.25V) e +12V (11.4 ~12.6V)
Dimensioni:	185 x 122 (mm) / 7.3 x 4.8 (pollici)
Temperatura operativa:	0 C° ~ 60 C° [32 F ~ 140 F]
Umidità relativa:	5% ~ 85% non condensata
EMI:	CE classe A / FCC Classe A
MTBF:	50.000 ore



NETGEAR's Dual Speed hubs— highly capable and very compact



10/100 Mbps Dual Speed Hub

DS104 DS106 DS108 DS116

NETGEAR's DS100 Series 10/100 Mbps Dual Speed Stackable Hubs connect PCs to share e-mail, Internet access, printers, and files. Their exceptional adaptability enables you to mix and match 10 and 100 Mbps PCs, servers, and peripherals on the same network with ease and without any configuration required. Every hub in the DS100 family offers multiple capabilities in a very compact and affordable unit, particularly designed for small business use.

ALERT

Auto-sensing dual-speed ports individually sense and adjust to run at 10 or 100 Mbps, allowing you to upgrade your network speed effortlessly.

SELF-RELIANT

Every port automatically operates at the proper speed, while the built-in 10 to 100 Mbps bridge automatically discovers where each user is and filters or forwards traffic accordingly.

EXPLICIT

Network ports with built-in LEDs provide clear and intuitive status. In addition, two LED bar graphs provide online status of network usage and alert you to potential network overload (excepting model DS116).

MIX & MATCH

All devices on the same network—whether connected at 10 Mbps or 100 Mbps—operate at maximum performance.

NEAT

Compact metal case design gives you an uncluttered desktop and enables wall-mount installation.



DS104/DS108 shown

Help is there when you need it!

NETGEAR provides free, 24x7

telephone and e-mail technical

support in English with selected

local language support during

office hours.

NETGEAR Inc.
 4500 Great America Parkway
 Santa Clara, CA 95054
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 E-mail: support@NETGEAR.com
 www.NETGEAR.com

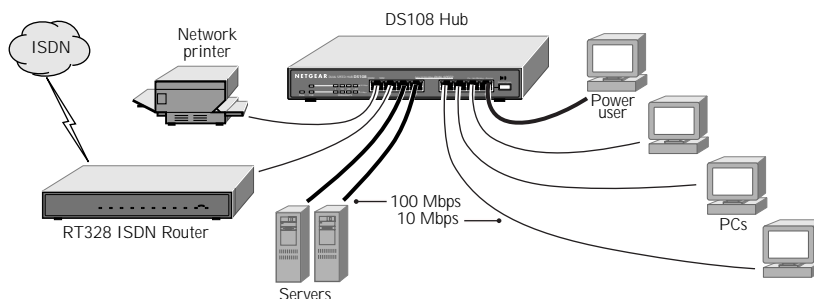
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Australia	1800-787-638	Korea	00308-11-0319
Austria	00800-06384327 (00800-0-NETGEAR)	Netherlands	0800-023-0981
Denmark	808-82179	New Zealand	00800-1233-4566
Canada	1-888-NETGEAR	Norway	800-12041
Finland	0800-111-036	Singapore	001-800-1233-4566
France	0800-77-17-53	Sweden	0200-298-298
Germany	00800-06384327 (00800-0-NETGEAR)	Switzerland	00800-0638-4327 (00800-0-NETGEAR)
Hong Kong	001-800-1233-4566	United Kingdom	020-7216-0014
Japan	0120-66-5402	United States	1-888-NETGEAR
		All Other Countries	+1 801-236-8499

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October 2000



TECHNICAL SPECIFICATIONS

DS104

Network Ports

4 RJ-45 ports

Dimensions

W 158 mm (6.2")

D 101 mm (4.0")

H 27 mm (1.1")

Weight

0.4 kg (.87 lb)

AC Power

10 W

DS106

6 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.58 kg (1.3 lb)

12 W

DS108

8 RJ-45 ports

W 235 mm (9.3")

D 101 mm (4.0")

H 27 mm (1.01")

0.74 kg (1.7 lb)

13 W

DS1116

16 RJ-45 ports

W 286 mm (11.3")

D 101 mm (4.0")

H 27 mm (1.1")

0.9 kg (2.0 lb)

18 W

Standards Compliance

IEEE 802.3i 10BASE-T Ethernet

IEEE 802.3u 100BASE-TX Fast Ethernet

Built-in 10-to-100 Mbps bridge

Compatible with all popular network software, including Windows®, NetWare, and Unix

Status LEDs

Unit: power

10 Mbps segment: utilization%, collision

100 Mbps segment: utilization%, collision

Per network port: 10 or 100 Mbps operations link, receive data

Power Adapter

12VDC 1.2A (DS104/106/108)

5VDC 5.0A (DS116)

Localized plug for North America, Japan, UK, Europe, Australia

Environmental Specifications

Operating temperature: 0 to 40° C

Operating humidity: 90% maximum relative humidity, noncondensing

Electromagnetic Compliance

CE mark, commercial

FCC Part 15 Class A

EN 55 022 (CISPR 22), Class A

VCCI Class A

C-Tick

Safety Agency Approvals

(power adapter)

UL listed (UL 1950), cUL

TUV licensed (EN 60 950)

T-Mark

Warranty

Hub: 5 years

AC adapter: 1 year

PACKAGE CONTENTS

Dual speed hub

2-piece power switcher and cord

Wall-mount kit

User guide and Warranty card



D-DS100-001

www.NETGEAR.com

NETGEAR™