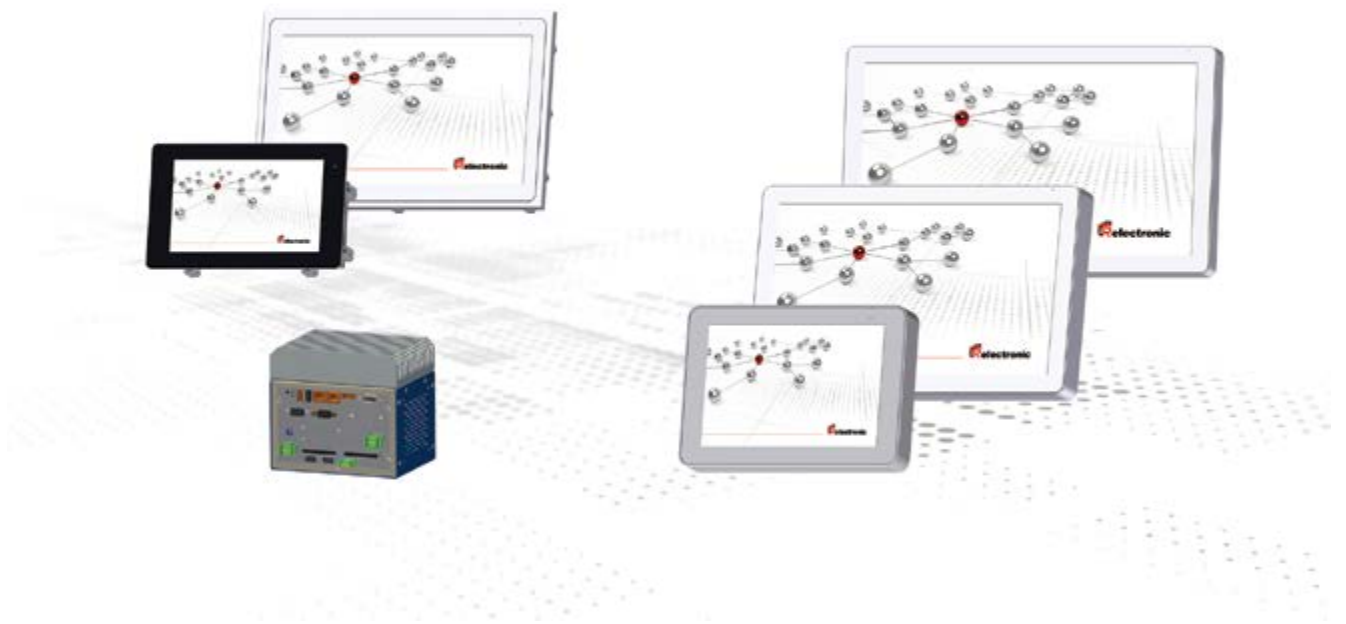


Automatisierungsplattform notion.ABC



notion.ABC



Das neue ABC der Automatisierungstechnik

Drei grundlegende Bauformen fügen sich in verschiedenste Konfigurationen ein. „notion.A“ sind vollständig geschlossene Einheiten. Sie werden mittels Tragarmbefestigung montiert und ermöglichen unter schwierigsten Umgebungsbedingungen die Visualisierung und Bedienung der Systeme. In aufrechter Porträt-Ausrichtung spielt das moderne 16:9-Seitenverhältnis seine Vorteile voll aus: Oben die Visualisierung, unten Statusanzeigen, Verlaufsdiagramme und Softkeys. Aber auch quer (Landscape) hilft die größere Bildfläche,

multitouch-Navigation wirklich ergonomisch zu gestalten. Als Schaltschrankcomputer bietet „notion.B“ die erforderliche Rechnerperformance. Für den traditionellen Einbau in 19-inch-Bedienfelder, Schaltschränken oder -pulten vereint „notion.C“ die IP65-dichte Fronteinheit von „notion.A“ mit der Rechenpower von „notion.B“. „notion.ABC“ ist das innovative Herzstück für zukunftsorientierte, aber auch für traditionelle Bediensystem- und Automatisierungsanwendungen.

Inhalte

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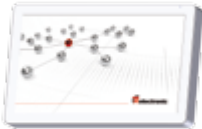
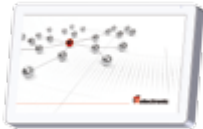
notion.A tablet

Produkt	notion.A tablet 	notion.A tablet 	notion.A tablet 
Bildschirmdiagonale	256,0 mm (10,1")	396,0 mm (15,6")	439,4 mm (17,3")
Bildschirmauflösung	1280 × 800	1366 × 768	1920 × 1080
Bildschirmformat	16:10 WXGA	16:9 WXGA	16:9 Full HD
Touchscreen	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)
Betriebsspannung	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%
Betriebstemperatur	0...50 °C	0...50 °C	0...50 °C
Schutzart Front / Rückseite	IP65 / IP65	IP65 / IP65	IP65 / IP65
Gehäusemontage	VESA 75 / 100	VESA 75 / 100	VESA 75 / 100
CPU	ARM Cortex	ARM Cortex	ARM Cortex
Laufwerk	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)
Betriebssystem	Android; Linux	Android; Linux	Android; Linux
Schnittstellen	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*
Weblink	www.tr-electronic.de/f/TRS-DOC-000783	www.tr-electronic.de/f/TRS-DOC-000783	www.tr-electronic.de/f/TRS-DOC-000783
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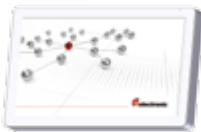
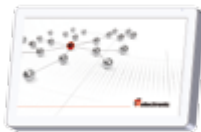
*Auf Anfrage

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notion.A tablet notion.A computer

Produkt	notion.A tablet	notion.A computer	notion.A computer	
				
Bildschirmdiagonale	469,9 mm (18,5")	256,0 mm (10,1")	396,0 mm (15,6")	
Bildschirmauflösung	1366 x 768	1280 x 800	1366 x 768	
Bildschirmformat	16:9 WXGA	16:10 WXGA	16:9 WXGA	
Touchscreen	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	
Betriebsspannung	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	
Betriebstemperatur	0...50 °C	0...50 °C	0...50 °C	
Schutzart Front / Rückseite	IP65 / IP65	IP65 / IP54	IP65 / IP20	
Gehäusemontage	VESA 75 / 100	VESA 75 / 100	VESA 75 / 100	
CPU	ARM Cortex	Intel® Atom™ Dual-Core	Intel® Atom™ Dual Core	
Laufwerk	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	CFast (CompactFlash ATA Serial Transfer); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	
Betriebssystem	Android; Linux	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	
Schnittstellen	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; USB 3.0; RS232; Realtime-LAN	LAN; USB 2.0; USB 3.0 RS232; Feldbusse; Realtime-LAN	
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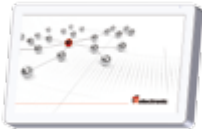
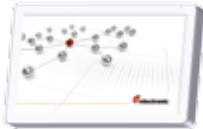
notion.A computer notion.A terminal

notion.A computer	notion.A computer	notion.A computer	notion.A terminal
			
439,4 mm (17,3")	469,9 mm (18,5")	546,1 mm (21,5")	256,0 mm (10,1")
1920 × 1080	1366 × 768	1920 × 1080	1280 × 800
16:9 Full HD	16:9 WXGA	16:9 Full HD	16:10 WXGA
Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)
24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%
0...50 °C	0...50 °C	0...50 °C	0...50 °C
IP65 / IP54	IP65 / IP54	IP65 / IP20	IP65 / IP54
VESA 75 / 100	VESA 75 / 100	VESA 75 / 100	VESA 75 / 100
Intel® Atom™ Quad-Core	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	
CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	
Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	
LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	VGA; DVI; USB; KVM-Extender
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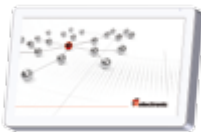
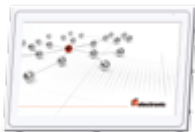
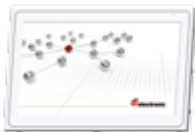
*Auf Anfrage

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notion.A terminal

Produkt	notion.A terminal 	notion.A terminal 	notion.A terminal 	
Bildschirmdiagonale	396,0 mm (15,6")	439,4 mm (17,3")	469,9 mm (18,5")	
Bildschirmauflösung	1366 x 768	1920 x 1080	1366 x 768	
Bildschirmformat	16:9 WXGA	16:9 Full HD	16:9 WXGA	
Touchscreen	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	
Betriebsspannung	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	
Betriebstemperatur	0...50 °C	0...50 °C	0...50 °C	
Schutzart Front / Rückseite	IP65 / IP54	IP65 / IP54	IP65 / IP54	
Gehäusemontage	VESA 75 / 100	VESA 75 / 100	VESA 75 / 100	
CPU				
Laufwerk				
Betriebssystem				
Schnittstellen	KVM-Extender	VGA; DVI; USB; KVM-Extender	VGA; DVI; USB; KVM-Extender	
Weblink	www.tr-electronic.de/f/TRS-DOC-000783	www.tr-electronic.de/f/TRS-DOC-000783	www.tr-electronic.de/f/TRS-DOC-000783	
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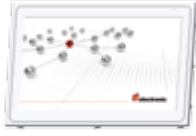
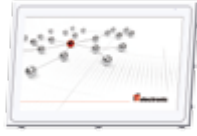
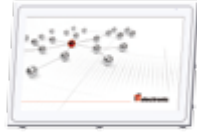
notion.A terminal notion.B 200 notion.C tablet

notion.A terminal	notion.B 200	notion.C tablet	notion.C tablet
			
546,1 mm (21,5")		178,0 mm (7,0")	256,0 mm (10,1")
1920 × 1080		800 × 480	1280 × 800
16:9 Full HD		5:3 WVGA	16:10 WXGA
Glas-Touch (Multitouch)	Tastatur, Maus	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)
24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%
0...50 °C	0...50 °C	0...50 °C	0...50 °C
IP65 / IP20	IP20	IP65 / IP20	IP65 / IP20
VESA 75 / 100	Befestigungswinkel; Hutschiene	Einbaumontage	Einbaumontage
	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	ARM Cortex	ARM Cortex
	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)
	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Android; Linux	Android; Linux
VGA; DVI; USB	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*
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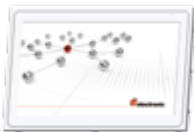
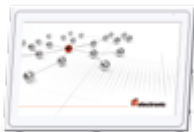
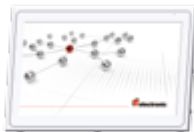
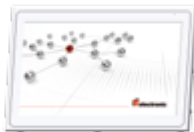
*Auf Anfrage

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notion.C tablet

Produkt	notion.C tablet	notion.C tablet	notion.C tablet	
				
Bildschirmdiagonale	396,0 mm (15,6")	439,4 mm (17,3")	546,1 mm (21,5")	
Bildschirmauflösung	1366 x 768	1920 x 1080	1920 x 1080	
Bildschirmformat	16:9 WXGA	16:9 Full HD	16:9 Full HD	
Touchscreen	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	
Betriebsspannung	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	
Betriebstemperatur	0...50 °C	0...50 °C	0...50 °C	
Schutzart Front / Rückseite	IP65 / IP20	IP65 / IP20	IP65 / IP20	
Gehäusemontage	Einbaumontage	Einbaumontage	Einbaumontage	
CPU	ARM Cortex	ARM Cortex	ARM Cortex	
Laufwerk	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	SD (Secure Digital Memory Card); eMMC (embedded Multimedia Card)	
Betriebssystem	Android; Linux	Android; Linux	Android; Linux	
Schnittstellen	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	LAN; USB 2.0; RS 232/422/485*; CAN*; Ethercat*; Profibus*	
Weblink	www.tr-electronic.de/f/TRS-DOC-000785	www.tr-electronic.de/f/TRS-DOC-000785	www.tr-electronic.de/f/TRS-DOC-000785	
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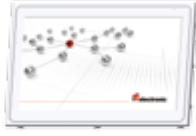
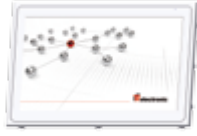
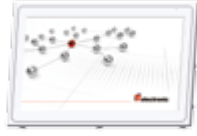
notion.C computer

notion.C computer	notion.C computer	notion.C computer	notion.C computer
			
178,0 mm (7,0")	256,0 mm (10,1")	307,0 mm (12,1")	396,0 mm (15,6")
800 × 480	1280 × 800	1280 × 800	1366 × 768
5:3 WVGA	16:10 WXGA	16:10 WXGA	16:9 WXGA
Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)
24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%
0...50 °C	0...50 °C	0...50 °C	0...50 °C
IP65 / IP20	IP65 / IP20	IP65 / IP20	IP65 / IP20
Einbaumontage	Einbaumontage	Einbaumontage	Einbaumontage
Intel® Atom™ Quad-Core;	Intel® Atom™ Quad-Core;	Intel® Atom™ Quad-Core	Intel® Atom™ Quad-Core;
SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);
Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional
LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0 RS232
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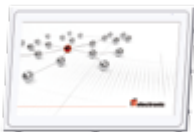
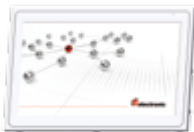
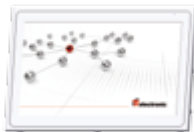
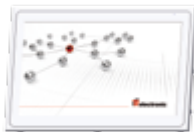
*Auf Anfrage

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notion.C computer

Produkt	notion.C computer	notion.C computer	notion.C computer	
				
Bildschirmdiagonale	439,4 mm (17,3")	469,9 mm (18,5")	546,1 mm (21,5")	
Bildschirmauflösung	1920 x 1080	1366 x 768	1920 x 1080	
Bildschirmformat	16:9 Full HD	16:9 WXGA	16:9 Full HD	
Touchscreen	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	
Betriebsspannung	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	
Betriebstemperatur	0...50 °C	0...50 °C	0...50 °C	
Schutzart Front / Rückseite	IP65 / IP20	IP65 / IP20	IP65 / IP20	
Gehäusemontage	Einbaumontage	Einbaumontage	Einbaumontage	
CPU	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	Intel® Atom™ Quad-Core; AMD Quad Core; Intel® Core™ i5; Intel® Core™ i7	
Laufwerk	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	CFast (CompactFlash ATA Serial Transfer); CF (Compact Flash); SD (Secure Digital Memory Card); SSD (Solid-State-Drive); HDD (Hard-Disk-Drive);	
Betriebssystem	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	Windows® Embedded Standard 7; Windows® 7 Professional; Windows® Embedded 8 Standard; Windows® 8 Professional	
Schnittstellen	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	LAN; USB 2.0; USB 3.0; RS232; Feldbusse; Realtime-LAN	
Weblink	www.tr-electronic.de/f/TRS-DOC-000785	www.tr-electronic.de/f/TRS-DOC-000785	www.tr-electronic.de/f/TRS-DOC-000785	
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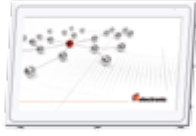
notion.C terminal

notion.C terminal	notion.C terminal	notion.C terminal	notion.C terminal
			
307,0 mm (12,1")	396,0 mm (15,6")	439,4 mm (17,3")	469,9 mm (18,5")
1280×800	1366×768	1920×1080	1366×768
16:10 WXGA	16:9 WXGA	16:9 Full HD	16:9 WXGA
Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)	Glas-Touch (Multitouch)
24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%	24 VDC; +/- 20%
0...50 °C	0...50 °C	0...50 °C	0...50 °C
IP65 / IP20	IP65 / IP20	IP65 / IP20	IP65 / IP20
Einbaumontage	Einbaumontage	Einbaumontage	Einbaumontage
VGA; DVI; USB 2.0;	VGA; DVI; USB 2.0;	VGA; DVI; USB;	VGA; DVI; USB;
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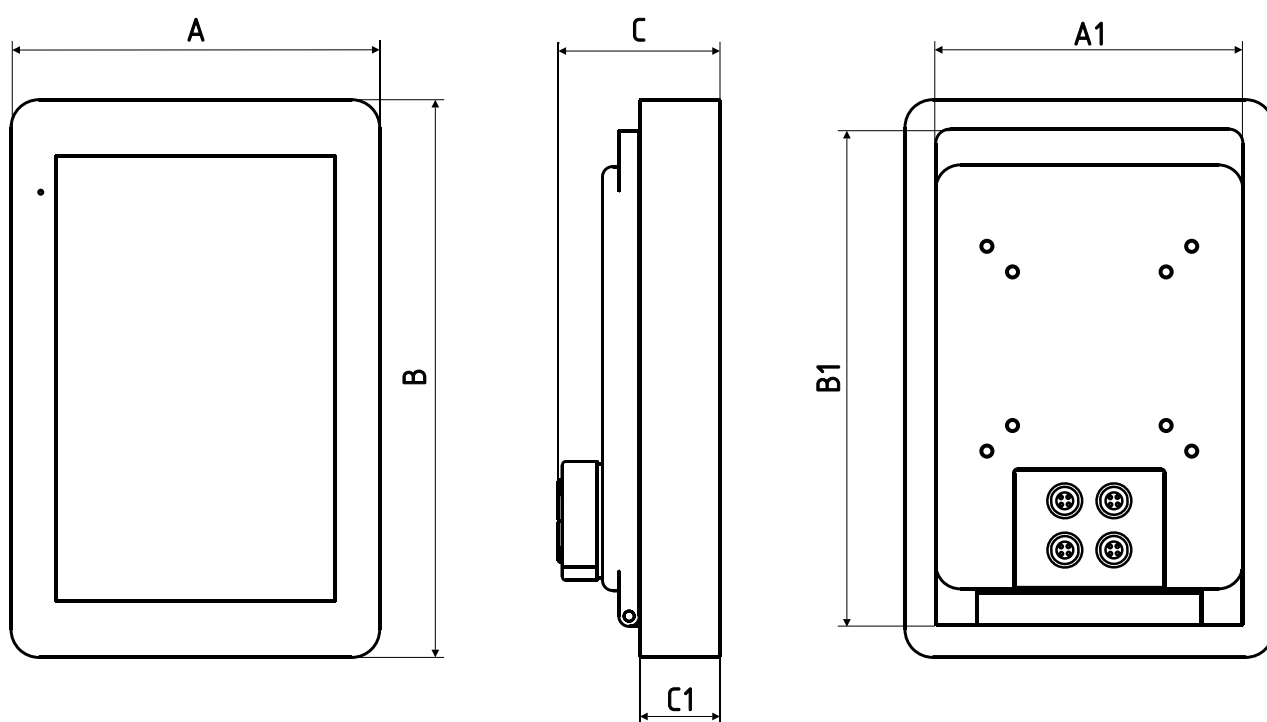
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notion.C terminal

Produkt	notion.C terminal 
Bildschirmdiagonale	546,1 mm (21,5")
Bildschirmauflösung	1920 x 1080
Bildschirmformat	16:9 Full HD
Touchscreen	Glas-Touch (Multitouch)
Betriebsspannung	24 VDC; +/- 20%
Betriebstemperatur	0...50 °C
Schutzart Front / Rückseite	IP65 / IP20
Gehäusemontage	Einbaumontage
CPU	
Laufwerk	
Betriebssystem	
Schnittstellen	VGA; DVI; USB;
Weblink	www.tr-electronic.de/f/TRS-DOC-000785
QR-Code	

Maßbilder

notion.A tablet
Maße siehe Tabelle



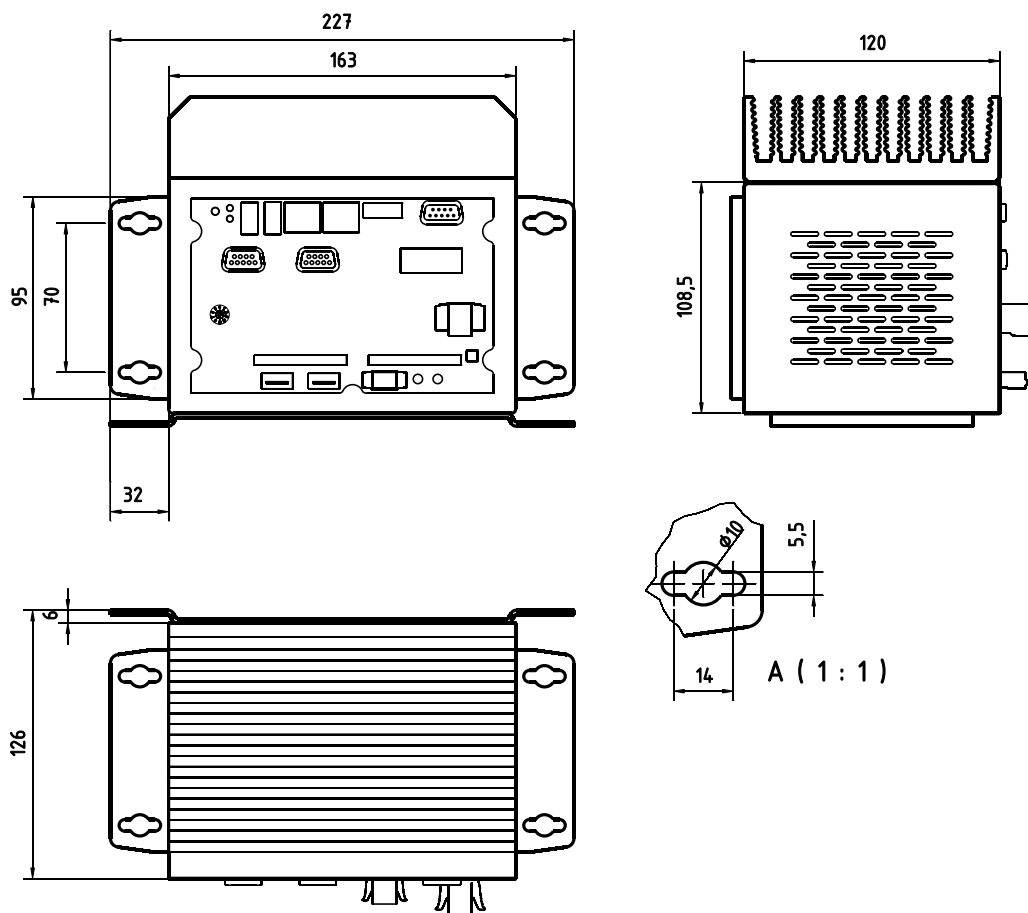
notion.A
Maße

notion.A (tablet)

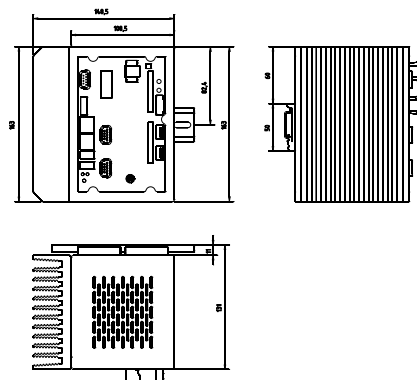
[mm]	A	A1	B	B1	C	C1
Displaydiagonale						
10,1 inch	180,0	150,0	272,3	242,0	78,9	39,0
15,6 inch	247,2	197,2	394,3	334,3	84,8	32,3
17,3 inch	266,2	150,0	433,3	242,0	83,5	41,0
18,5 inch	289,6	150,0	460,5	242,0	85,5	41,0

Maßbilder

notion.B
Maße



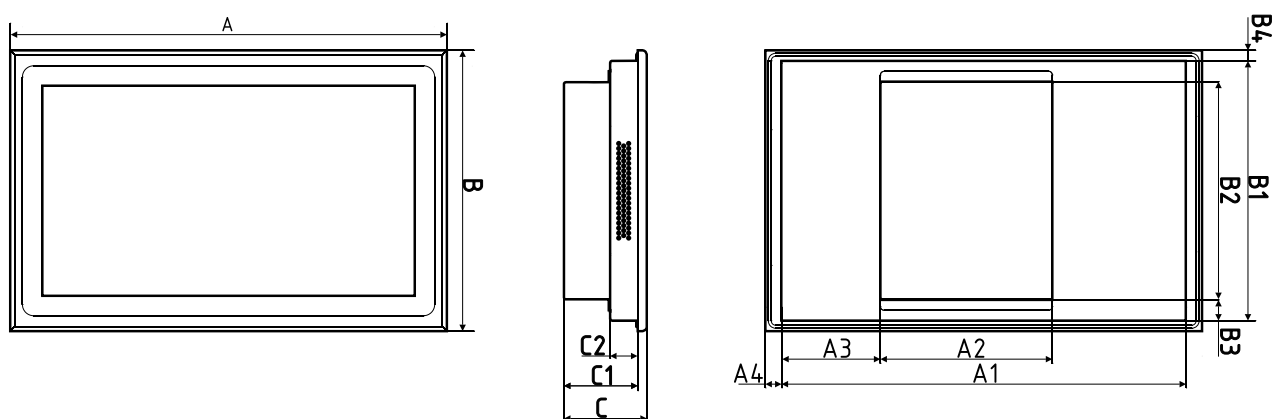
notion.B
Auf Hutschiene montiert



Maßbilder

notion.C

Maße siehe Tabelle



notion.C

Maße

notion.C (computer)

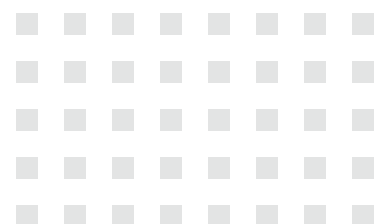
[mm]	A	A1	A2	A3	A4	B	B1	B2	B3	B4	C	C1	C2
Displaydiagonale													
7,0 inch	201,1	189,1	185,7	1,7	6,0	126,4	114,4	86,0	26,7	6,0	39,7	36,7	11,7
10,1 inch	284,1	266,0			9,1	191,8	172,0			9,1	59,4	53,1	8
15,6 inch	415	383,4			15,8	268	244,6			11,7	98,8	88,5	
18,5 inch	482,6	455,0	190,0	109,5	18,8	310,3	287,0	240,0	23,5	11,7	56,5	81,5	46,5
21,5 inch	548,5	510			19,3	340,8	323			9	78,8		

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Last update: 09/2018

68 135 021 · TRS-V-PR-D-0009-03

Änderungen in Technik und Design
vorbehalten.

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