

FORTISSIMO 13

Produktübersicht

Ausgabe zur
embedded world
in Nürnberg
2016



- Displays
- Ansteuerkarten
- Touchscreens
- IoT
- Single Board Computer
- PC 104 Board
- Slot Boards
- Motherboards
- COMs
- Box PC
- Panel PC



DISPLAYS

Diagonale	Hersteller	Bezeichnung	Auflösung	Maße (mm)	Helligkeit (cd/m ²)	Kontrast	Blickwinkel (O/U/L/R)	Betriebstemp. (°C)	Technologie	Schnittstelle	Driver	Touch	LED lifetime	Color Gamut	Special Features
4.3"	AUO	G043FW01 V0	480 x 272	105.7 x 67.4 x 4.19	450	400:1	50°/55°/65°/65°	-20 - +70	TN	CMOS 6b			30K		AG
5"	AUO	G050VTN01.1	800 x 480	119.33 x 79.18 x 8	1000	600:1	50°/70°/70°/70°	-20 - +70	TN	CMOS 6b			20K		HighBrightness
5"	AUO	G050VFN01.0	480 x 800	71.2 x 119.5 x 2.61	450	700:1	80°/80°/80°/80°	0 - +70	VA	CMOS 6b			10K		portrait
5.7"	AUO	G057VN01 V2	640 x 480	144 x 104.6 x 12.3	700	800:1	70°/70°/80°/80°	-30 - +85	TN	CMOS 6b	x		50K		AG
5.7"	AUO	G057VTN01.0	640 x 480	144 x 104.6 x 12.3	530	800:1	70°/70°/80°/80°	-30 - +85	TN	CMOS 6b	x		50K		High Vibration Reliability
5.7"	AUO	G057QN01 V2	320 x 240	144 x 104.6 x 12.3	800	800:1	70°/70°/80°/80°	-30 - +85	TN	CMOS 6b	x		50K		AG
5.7"	AUO	G057QTN01.0	320 x 240	144 x 104.6 x 12.3	500	700:1	70°/70°/80°/80°	-30 - +85	TN	CMOS 6b	x		50K		AG
5.7"	NLT	NL3224AC36-01D	320 x 240	144 x 104.6 x 12.3	500	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b	x		50K	50%	AG; MP Jun.16
5.7"	NLT	NL3224AC36-01F	320 x 240	144 x 104.6 x 12.3	800	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b	x		50K	50%	AG; MP Jun.16
5.7"	NLT	NL6448AC18-08D	640 x 480	144 x 104.6 x 12.3	550	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b	x		50K	50%	AG; Strong Against Vibration 6.8G; MP Mar.16
5.7"	NLT	NL6448AC18-08F	640 x 480	144 x 104.6 x 12.3	800	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b	x		50K	50%	AG; Strong Against Vibration 6.8G; MP Mar.16
5.7"	NLT	NL6448AC18-11D	640 x 480	144 x 104.6 x 12.3	550	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 8b	x		50K	50%	AG; Strong Against Vibration 6.8G; MP Mar.16
5.7"	NLT	NL6448BC18-07	640 x 480	127.2 x 100.4 x 5.8	300	900:1	80°/80°/80°/80°	-20 - +70	TN	CMOS 6b			40K	50%	narrow frame
6.5"	AUO	G065VN01 V2	640 x 480	153 x 118 x 10.9	800	600:1	70°/70°/80°/80°	-30 - +80	TN/EcoTr	LVDS 6/8b	x		70K		Glare; AR
6.5"	NLT	NL6448BC20-30	640 x 480	153 x 118 x 8.2	600	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	clear; ColorXcell
6.5"	NLT	NL6448BC20-30D	640 x 480	153 x 118 x 8.2	600	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	AG
6.5"	NLT	NL6448BC20-30C	640 x 480	153 x 118 x 8.2	1000	800:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70K	40%	AR+Clear; T-EVT; ColorXcell
6.5"	NLT	NL6448BC20-30F	640 x 480	153 x 118 x 8.2	1000	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	Clear; ColorXcell
6.5"	NLT	NL6448BC20-35	640 x 480	153 x 118 x 8.2	600	800:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	Clear
6.5"	NLT	NL6448BC20-35D	640 x 480	153 x 118 x 8.2	600	800:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	AG
6.5"	NLT	NL6448BC20-35C	640 x 480	153 x 118 x 8.2	1000	800:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	CMOS 6b			70K	40%	AR+Clear; T-EVT
6.5"	NLT	NL6448BC20-35F	640 x 480	153 x 118 x 8.2	1000	800:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	Clear
6.5"	NLT	NL10276BC13-01C	1024 x 768	153 x 118 x 9.5	650	500:1	80°/60°/80°/80°	-20 - +70	TN/T-EVT	LVDS 6/8b			16k	36%	side mount; AR+Clear; T-EVT
7" wide	AUO	G070VW01 V0	800 x 480	170 x 111 x 7.5	400	1000:1	80°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
7" wide	AUO	G070VFN01.1	800 x 480	164.55 x 104.71 x 8	450	1500:1	80°/80°/80°/80°	-20 - +70	VA	LVDS 6/8b	x		30K		AG
7" wide	NLT basic	NLB070WV01C-01	800 x 480	170 x 111 x 8.25	300	800:1	70°/70°/70°/70°	-20 - +70	TN	CMOS 6b	x		30K	60%	basic line; clear
7" wide	NLT basic	NLB070WV01L-01	800 x 480	170 x 111 x 8.25	300	800:1	70°/70°/70°/70°	-20 - +70	TN	LVDS 6b	x		30K	60%	basic line; clear
7" wide	NLT	NL8048BC19-02	800 x 480	170 x 111 x 8.5	400	1000:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			50k	60%	side mount; clear
7" wide	NLT	NL8048BC19-02C	800 x 480	170 x 111 x 8.5	550	1000:1	80°/80°/80°/80°	-20 - +70	TN/T-EVT	LVDS 6/8b			50k	60%	side mount; AR+Clear; T-EVT
7" wide	NLT	NL8048BC19-03	800 x 480	170 x 111 x 8.5	400	1000:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			50k	60%	portrait format; clear
7" wide	NLT	NL8048AC19-13	800 x 480	170 x 111 x 8.5	500	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6b	x		100k	60%	Clear
7" wide	NLT	NL8048AC19-14F	800 x 480	170 x 111 x 8.5	1000	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6b	x		100k	60%	AG
7" wide	Mitsubishi	AA070MC01	800 x 480	169.8 x 109.7 x 8.9	1000	1000:1	85°/85°/85°/85°	-30 - +80	IPS	LVDS 6/8b	x		100k		Clear
7" wide	Mitsubishi	AA070ME11	800 x 480	169.8 x 109.7 x 8.9	1500	600:1	140°/160°	-30 - +80	TN	LVDS 6/8b			100k		
7" wide	Mitsubishi	AA070MJ11	800 x 480	169.8 x 109.7 x 8.9	1500	800:1	80°/60°/80°/80°	-40 - +85	TN	LVDS 6/8b			100k		AG; hard-coating 3H; Strong Against Vibration 6.8G
8" wide	NLT	NL8048AC21-01F	800 x 480	192 x 122 x 8.9	1000	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6b	x		100k	70%	AG
8.4"	AUO	G084SN03 V3	800 x 600	203 x 142.5 x 5.7	250	600:1	80°/60°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		30K		AG
8.4"	AUO	G084SN05 V9	800 x 600	203 x 142.5 x 8	450	600:1	80°/60°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
8.4"	Mitsubishi	AA084SD11	800 x 600	199.5 x 149 x 9.7	1200	600:1	80°/60°/80°/80°	-30 - +80	TN	LVDS 6/8b			100k		AG
8.4"	Mitsubishi	AA084XE11	1024 x 768	199.5 x 149 x 9.7	1200	600:1	80°/60°/80°/80°	-30 - +80	TN	LVDS 6/8b			100k		AG
8.4"	NLT basic	NLB084SV01L-01	800 x 600	200 x 152 x 8.2	400	800:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K	40%	AG
8.4"	NLT	NL6448BC26-20F	640 x 480	200 x 152 x 10.5	800	1000:1	80°/80°/80°/80°	-20 - +70	TN	CMOS 6b			50K	40%	clear; Portrait mode
8.4"	NLT	NL6448BC26-22F	640 x 480	200 x 152 x 10.5	800	1000:1	80°/80°/80°/80°	-20 - +70	TN	CMOS 6b			50K	40%	clear
8.4"	NLT	NL6448BC26-26	640 x 480	200 x 152 x 8.2	500	1000:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	clear
8.4"	NLT	NL6448BC26-26D	640 x 480	200 x 152 x 8.2	500	1000:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	AG
8.4"	NLT	NL6448BC26-26C	640 x 480	200 x 152 x 8.2	900	1000:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	CMOS 6b			70K	40%	AR;T-EVT
8.4"	NLT	NL6448BC26-26F	640 x 480	200 x 152 x 8.2	900	1000:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70K	40%	Clear
8.4"	NLT	NL6448BC26-27	640 x 480	200 x 152 x 8.2	500	1000:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	ColorXcell; Clear
8.4"	NLT	NL6448BC26-27D	640 x 480	200 x 152 x 8.2	500	1000:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	AG
8.4"	NLT	NL6448BC26-27C	640 x 480	200 x 152 x 8.2	900	1000:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70K	40%	AR+Clear; T-EVT; ColorXcell
8.4"	NLT	NL6448BC26-27F	640 x 480	200 x 152 x 8.2	900	1000:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70K	40%	
8.4"	NLT	NL6448AC26-47D	640 x 480	221 x 152.4 x 9	380	1000:1	80°/65°/80°/80°	-30 - +80	TN	CMOS 6b	x		100k	40%	AG

Technologie: TN: TwistedNematic; EVT: EnhancedViewT; VA: VerticalAlignment; ST: SuperTFT; IPS: InPlaneSwitching; AG: Antiglare; AR: Antireflective; MP: MassProduction

DISPLAYS

Diagonale	Hersteller	Bezeichnung	Auflösung	Maße (mm)	Helligkeit (cd/m ²)	Kontrast	Blickwinkel (O/U/L/R)	Betriebstemp. (°C)	Technologie	Schnittstelle	Driver	Touch	LED lifetime	Color Gamut	Special Features
8.4"	NLT	NL8060BC21-11	800 x 600	200 x 152 x 8.2	400	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	clear; ColorXcell
8.4"	NLT	NL8060BC21-11D	800 x 600	200 x 152 x 8.2	400	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	AG
8.4"	NLT	NL8060BC21-11C	800 x 600	200 x 152 x 8.2	800	800:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70k	40%	AR+Clear; T-EVT; ColorXcell
8.4"	NLT	NL8060BC21-11F	800 x 600	200 x 152 x 8.2	800	800:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70k	40%	Clear; ColorXcell
8.4"	NLT	NL8060AC21-21D	800 x 600	200 x 152 x 8.2	400	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b	x		100k	40%	AG
8.4"	NLT	NL10276BC16-06	1024 x 768	200 x 152 x 8.2	600	1000:1	88°/88°/88°/88°	-20 - +70	SFT	LVDS 6/8b			100k	72%	clear
8.4"	NLT	NL10276BC16-06D	1024 x 768	200 x 152 x 8.2	600	1000:1	88°/88°/88°/88°	-20 - +70	SFT	LVDS 6/8b			100k	72%	AG
8.9" wide	NLT	NL10260BC19-01D	1024 x 600	214 x 129 x 6.2	300	700:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			30k	60%	AG; ultra-Advanced-SFT
9"	AUO	G090VTN02.0	800 x 480	211.1 x 128.4 x 6.6	300	500:1	50°/70°/70°/70°	-20 - +75	TN	CMOS 6b	x		20K		AG
9" wide	Mitsubishi	AA090MF11	800 x 480	219 x 136.2 x 9.5	1500	800:1	80°/60°/80°/80°	-30 - +80	TN	LVDS 6/8b			100k		AG
9" wide	NLT	NL8048BC24-09	800 x 480	220.5 x 136.5 x 8.2	400	800:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	60%	clear; ultra-Advanced-SFT
9" wide	NLT	NL8048BC24-09D	800 x 480	220.5 x 136.5 x 8.2	400	800:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	60%	AG; ultra-Advanced-SFT
9" wide	NLT	NL8048BC24-12	800 x 480	220.5 x 136.5 x 8.2	450	900:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			70k	60%	clear
9" wide	NLT	NL8048BC24-12D	800 x 480	220.5 x 136.5 x 8.2	450	900:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			70k	60%	AG
9" wide	NLT	NL192108AC10-01D	1920 x 1080	214.6 x 130 x 9.1	400	700:1	88°/88°/88°/88°	-20 - +70	SFT	LVDSx2 6/8b	x		70k	72%	AG; LVDSx2 l/r; narrow frame
10.1"	AUO	G101EVN01.0	1280 x 800	229.46 x 149.2 x 4.96	300	1300:1	85°/85°/85°/85°	-20 - +60	VA	LVDS 6b	x		25K		AR; Slim
10.4"	AUO	G104VN01 V1	640 x 480	243 x 176.6 x 8	450	700:1	60°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
10.4"	AUO	G104SN02 V2	800 x 600	243 x 184 x 8	400	700:1	60°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
10.4"	AUO	G104SN03 V5	800 x 600	236 x 176.9 x 5.7	230	500:1	55°/65°/70°/70°	-20 - +70	TN	LVDS 6/8b	x		30K		AG
10.4"	AUO	G104STN01.0	800 x 600	243 x 184 x 6.5	400	700:1	60°/70°/80°/80°	-20 - +80	TN	LVDS 6/8b	x		50K		AG
10.4"	AUO	G104XVN01.0	1024 x 768	238.6 x 175.8 x 6.5	400	1400:1	89°/89°/89°/89°	-30 - +80	VA	LVDS 6/8b	x		50K		AG
10.4"	Mitsubishi	AA104XH11	1024 x 768	230 x 180.2 x 11.0	1200	700:1	80°/80°/80°/80°	-40 - +85	TN	LVDS 6/8b			100k		AG; hard-coating 3H; Strong Against Vibration 6.8G
10.4"	Mitsubishi	AA104XD12	1024 x 768	230 x 180.2 x 10.5	1000	700:1	65°/65°/80°/80°	-30 - +80	TN	LVDS 6/8b			100k		AG; Narrow bezel
10.4"	NLT	NL6448BC33-70	640 x 480	243 x 185.1 x 11.0	450	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70k	40%	clear
10.4"	NLT	NL6448BC33-70D	640 x 480	243 x 185.1 x 11.0	450	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70k	40%	AG
10.4"	NLT	NL6448BC33-70C	640 x 480	243 x 185.1 x 11.0	900	900:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	CMOS 6b			70k	40%	AR+Clear
10.4"	NLT	NL6448BC33-70F	640 x 480	243 x 185.1 x 11.0	900	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70k	40%	Clear
10.4"	NLT	NL6448BC33-71	640 x 480	243 x 185.1 x 11.0	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	clear; ColorXcell
10.4"	NLT	NL6448BC33-71D	640 x 480	243 x 185.1 x 11.0	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	AG; ColorXcell
10.4"	NLT	NL6448BC33-71C	640 x 480	243 x 185.1 x 11.0	900	900:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70k	40%	AR+Clear; T-EVT; ColorXcell
10.4"	NLT	NL6448BC33-71F	640 x 480	243 x 185.1 x 11.0	900	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
10.4"	NLT	NL6448AC33-97D	640 x 480	246.5 x 179.4 x 9.5	370	900:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b	x		100k	40%	AG
10.4"	NLT basic	LB104SV01L-01	800 x 600	243 x 185.1 x 10.5	400	900:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K	40%	AG; ColorXcell
10.4"	NLT	NL8060BC26-35	800 x 600	243 x 185.1 x 11.0	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear; ColorXcell
10.4"	NLT	NL8060BC26-35D	800 x 600	243 x 185.1 x 11.0	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	AG; ColorXcell
10.4"	NLT	NL8060BC26-35C	800 x 600	243 x 185.1 x 11.0	800	900:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70k	40%	AR+Clear; T-EVT; ColorXcell
10.4"	NLT	NL8060BC26-35F	800 x 600	243 x 185.1 x 11.0	800	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear; ColorXcell
10.4"	NLT	NL8060BC26-35E	800 x 600	243 x 185.1 x 11.0	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear; ColorXcell; portrait format
10.4"	NLT	NL8060AC26-52D	800 x 600	243 x 185.1 x 10.5	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b	x		100k	40%	AG; ColorXcell
10.4"	NLT	NL8060AC26-54D	800 x 600	227.3 x 177.5 x 9.3	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b	x		100k	40%	AG; narrow frame 6.7 mm
10.4"	NLT	NL10276BC20-18	1024 x 768	228.0 x 178.5 x 8.7	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
10.4"	NLT	NL10276BC20-18D	1024 x 768	228.0 x 178.5 x 8.7	400	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	AG
10.4"	NLT	NL10276BC20-18C	1024 x 768	228.0 x 178.5 x 8.7	750	900:1	80°/80°/80°/80°	-30 - +80	TN/T-EVT	LVDS 6/8b			70k	40%	AR+Clear; T-EVT
10.4"	NLT	NL10276BC20-18F	1024 x 768	228.0 x 178.5 x 8.7	800	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
10.4"	NLT	NL10276BC20-47	1024 x 768	227.0 x 175.4 x 8.7	300	700:1	88°/88°/88°/88°	0 - +55	SFT	LVDS 6b			70k	40%	Clear; Backlight Connection by FPC
10.6" wide	NLT	NL12876AC18-03	1280 x 768	248.8 x 155.8 x 7.0	300	1000:1	88°/88°/88°/88°	-20 - +70	SA-SFT	LVDS 6/8b	x		40k	40%	small outline; Clear; ColorXcell
10.6" wide	NLT	NL12876AC18-03D	1280 x 768	248.8 x 155.8 x 7.0	300	1000:1	88°/88°/88°/88°	-20 - +70	SA-SFT	LVDS 6/8b	x		40k	40%	small outline; AG; ColorXcell
11.6"	AUO	A116XW02 V0	1366 x 768	282.2 x 168 x 11.6	275	450:1	35°/55°/60°/60°	0 - +70	TN	LVDS 6/8b	x		30K		AG
12.1"	AUO	G121SN01 V4(02)	800 x 600	279 x 209 x 9	450	700:1	65°/75°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		
12.1"	AUO	G121XN01 V0	1024 x 768	279 x 209 x 9	500	700:1	80°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG; RGBW
12.1"	AUO	G121XTN01.0	1024 x 768	279 x 209 x 9	500	700:1	80°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG; RGBW
12.1"	Mitsubishi	AA121XN11	1024 x 768	260.5 x 203 x 9.3	1300	600:1	80°/60°/80°/80°	-30 - +80	TN	LVDS 6/8b			100k		AG

Technologie: TN: TwistedNematic; EVT: EnhancedViewT; VA: VerticalAlignment; SFT: SuperFineT; IPS: InPlaneSwitching; Ag: Antiglare; AR: Antireflective; MP: MassProduction

DISPLAYS

Diagonale	Hersteller	Bezeichnung	Auflösung	Maße (mm)	Helligkeit (cd/m²)	Kontrast	Blickwinkel (O/U/L/R)	Betriebstemp. (°C)	Technologie	Schnittstelle	Driver	Touch	LED lifetime	Color Gamut	Special Features
12.1"	NLT basic	NLB121SV01L-01	800 x 600	279 x 209 x 9	450	700:1	65°/75°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K	55%	AG
12.1"	NLT	NL8060BC31-47	800 x 600	280 x 210 x 9.6	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
12.1"	NLT	NL8060BC31-47D	800 x 600	280 x 210 x 9.6	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	AG
12.1"	NLT	NL8060BC31-50F	800 x 600	260.5 x 203 x 8.7	900	1000:1	80°/80°/80°/80°	-30 - +80	TN	CMOS 6b			70k	40%	small outline; clear
12.1"	NLT	NL8060BC31-51C	800 x 600	260.5 x 203 x 8.7	900	1000:1	80°/80°/80°/80°	-30 - +80	T-EVT	LVDS 6/8b			70k	40%	AR+Clear, T-EVT
12.1"	NLT basic	NLB121XG01L-01	1024 x 768	279 x 209 x 9	450	700:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K	55%	AG
12.1"	NLT	NL10276BC24-19D	1024 x 768	260.0 x 200 x 6.9	650	600:1	60°/60°/70°/70°	-20 - +60	TN	LVDS 6b			21k	40%	AG; RevC 650cd
12.1"	NLT	NL10276BC24-19D	1024 x 768	260.0 x 200 x 6.9	800	600:1	60°/60°/70°/70°	-20 - +60	TN	LVDS 6b			21k	40%	AG; RevD 800cd
12.1"	NLT	NL10276BC24-21	1024 x 768	260.5 x 203.0 x 9.2	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
12.1"	NLT	NL10276BC24-21F	1024 x 768	260.5 x 203 x 9.2	800	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	Clear
12.1"	NLT	NL10276BC24-21L	1024 x 768	260.5 x 203.0 x 9.2	450	900:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b			70k	40%	clear; portrait mode
12.1" wide	Mitsubishi	AA121TD11	1280 x 800	283 x 185.1 x 9.7	1500	700:1	80°/60°/80°/80°	-30 - +80	TN	LVDS 6/8b					AG
12.1" wide	NLT	NL12880AC20-14D	1280 x 800	277.7 x 180.6 x 8.7	450	800:1	80°/80°/80°/80°	-30 - +80	TN	LVDS 6/8b	x		100k	40%	AG; MP Jun.16
12.1" wide	NLT	NL12880BC20-05	1280 x 800	277.7 x 180.6 x 8.7	450	1000:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	40%	clear; ColorXcell
12.1" wide	NLT	NL12880BC20-05D	1280 x 800	277.7 x 180.6 x 8.7	450	1000:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	40%	AG; ColorXcell
12.1" wide	NLT	NL12880BC20-07F	1280 x 800	277.7 x 180.6 x 8.7	1800	800:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			60k	40%	AG; ColorXcell
14"	AUO	B140HAN01.1	1920 x 1080	320.4 x 205.1 x 3.2	300	700:1	89°/89°/89°/89°	0 - +50	VA	eDP 2lanes,6bit	x		15K		FHD;AG
15"	AUO	G150XTN05.0	1024 x 768	236.5 x 253.5 x 12	350	700:1	70°/60°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
15"	AUO	G150XG01 V3	1024 x 768	326.5 x 253.5 x 13.1	400	700:1	60°/80°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG;RGBW
15"	AUO	G150XTN01.0	1024 x 768	326.5 x 253.5 x 13.1	350	700:1	60°/80°/80°/80°	-30 - +85	TN	LVDS 8b	x		50K		AG;RGBW
15"	AUO	G150XVN01.0	1024 x 768	326.5 x 253.5 x 9.6	300	1500:1	85°/85°/85°/85°	-10 - +70	VA	LVDS 6/8b	x		50K		AG
15"	AUO	G150XVN01.1	1024 x 768	326.5 x 253.5 x 9.6	300	1500:1	85°/85°/85°/85°	-10 - +70	VA	LVDS 6/8b	x		30K		AG
15"	AUO	G150XTN06.1	1024 x 768	326.5 x 253.5 x 6.3	500	700:1	60°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K		AG; slim
15"	AUO	G150XTN06.3	1024 x 768	326.5 x 253.5 x tbd	1600	800:1	80°/70°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50K		AG
15"	AUO	G150XTN06.4	1024 x 768	326.5 x 253.5 x 12.0	400	800:1	80°/70°/80°/80°	-30 - +85	TN	LVDS 6/8b	x		50K		AG; reverse scan
15"	AUO	G150XTN05.1	1024 x 768	326.5 x 253.5 x 15.5	1200	700:1	60°/60°/70°/70°	-30 - +85	TN	LVDS 6/8b	x		50K		AG
15"	Mitsubishi	AA150XS11	1024 x 768	326 x 255 x 16.6	1100	1000:1	85°/85°/85°/85°	-20 - +70	IPS	LVDS 6/8b			60K		Clear
15"	NLT basic	NLB150XG01L-01	1024 x 768	326.5 x 253.5 x 11.8	400	600:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50k	60%	AG
15"	NLT basic	NLB150XG02L-01	1024 x 768	326.5 x 253.5 x 11.8	400	600:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		50k	60%	AG
15"	NLT	NL10276BC30-34D	1024 x 768	326.5 x 253.5 x 11.7	500	600:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			70k	50%	AG
15"	NLT	NL10276BC30-39	1024 x 768	326.5 x 253.3 x 11.7	330	900:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	72%	AG
15"	NLT	NL10276AC30-42C	1024 x 768	326.5 x 253.5 x 12.1	600	600:1	80°/80°/80°/80°	-20 - +70	TN/T-EVT	LVDS 6/8b	x		70k	60%	AR+Clear; T-EVT
15"	NLT	NL10276AC30-45D	1024 x 768	326.5 x 253.5 x 11.8	400	600:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		100k	60%	AG
15"	NLT	NL10276AC30-48D	1024 x 768	326.5 x 253.5 x 11.8	350	900:1	88°/88°/88°/88°	-20 - +70	SFT	LVDS 6/8b	x		50k	72%	AG; MP Jun.16
15"	NLT	NL10276AC30-52C	1024 x 768	326.5 x 253.5 x 13	1600	600:1	80°/80°/80°/80°	-30 - +60	TN/T-EVT	LVDS 6/8b	x		50k	60%	AR+Clear; MP Aug.16
15.3" wide	NLT	NL12876BC26-32D	1280 x 768	358 x 226 x 13.8	470	700:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDS 6/8b			70k	40%	AG; colorXcell
15.6"	AUO	G156HTN01.0	1920 x 1080	359.5 x 216.78 x 3.55	300	700:1	160°/140°	tbd	TN	eDP 2lanes,6bit	x		15K		FHD; AG
15.6"	AUO	G156XW01 V1	1366 x 768	363.8 x 215.9 x 16.85	300	500:1	80°/80°/85°/85°	0 - +50	TN	LVDS 8b	x		50K		AG; 8msGTG
15.6" wide	NLT	NL13676AC25-01D	1366 x 768	363.8 x 215.9 x 10.8	400	900:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b	x		70k	60%	AG
15.6" wide	NLT	NL13676BC25-03F	1366 x 768	363.8 x 215.9 x 12.7	1100	900:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 6/8b			100k	60%	AG
15.6" wide	NLT	NL192108AC18-01D	1920 x 1080	363.8 x 215.9 x 6.3	400	750:1	88°/88°/88°/88°	-20 - +70	SFT	eDP 2lanes,8bit	x		50K	72%	eDP; AG; narrow frame; MP Jun.16
15.6" wide	NLT	NL192108AC18-02D	1920 x 1080	363.8 x 215.9 x 6.3	400	750:1	88°/88°/88°/88°	-20 - +70	SFT	LVDSx2 8b	x		50K	72%	LVDS; AG; narrow frame; MP Aug.16
17"	AUO	G170EG01 V1	1280 x 1024	358.5 x 296.5 x 18	350	1000:1	80°/80°/85°/85°	-30 - +85	TN	LVDSx2 8b	x		50K		AG; 5msGTG
17"	AUO	G170ETN01.0	1280 x 1024	358.5 x 296.5 x 17	250	1000:1	80°/80°/85°/85°	-20 - +60	TN	LVDSx2 8b	x		30K		AG
17"	NLT	NL128102AC26-01	1280 x 1024	358.5 x 296.5 x 13.5	400	1000:1	80°/80°/80°/80°	-20 - +70	TN	LVDS 8b	x		50K	72%	AG; MP May.16
17.3"	AUO	G173HW01 V0	1920 x 1080	403 x 240 x 12.5	400	600:1	60°/80°/80°/80°	0 - +70	TN	LVDSx2 8b	x		50K		FHD; Glare
18.5"	AUO	G185XW01 V1/V2	1366 x 768	430.4 x 254.6 x 16.4	300/400	1000:1	80°/80°/85°/85°	0 - +60	TN	LVDS 8b	x		50K		5msGTG; V1 = Replacable Backlight
18.5"	NLT	NL192108AC21-01	1920 x 1080	430.4 x 254.6 x 163.5	400	700:1	88°/88°/88°/88°	-20 - +70	SFT	eDP 2lanes,8bit	x		50K	72%	AG; narrow frame; MP Oct.16
19"	AUO	G190EG02 V0	1280 x 1024	396 x 324 x 17.5	600	2000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		AG; 8msGTG
19"	AUO	G190EG02 V1	1280 x 1024	396 x 324 x 17.5	300	2000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		AG
19"	AUO	G190EG01 V1	1280 x 1024	396 x 324 x 17.5	350	1000:1	80°/80°/85°/85°	0 - +50	TN	LVDSx2 8b	x		50K		AG; 5msGTG
19"	AUO	G190ETN01.2	1280 x 1024	396 x 324 x 15.18	350	1000:1	80°/80°/85°/85°	-30 - +85	TN	LVDSx2 8b	x		50K		AG; 10msGTG

Technologie: TN: TwistedNematic; EVT: EnhancedView/FT; VA: VerticalAlignment; SFT: SuperFine/FT; IPS: InPlaneSwitching; AG: Antiglare; AR: Antireflective; MP: MassProduction

DISPLAYS

Diagonale	Hersteller	Bezeichnung	Auflösung	Maße (mm)	Helligkeit (cd/m2)	Kontrast	Blickwinkel (O/U/L/R)	Betriebstemp. (°C)	Technologie	Schnittstelle	Driver	Touch	LED lifetime	Color Gamut	Special Features
19"	AUO	G190EAN01.0	1280 x 1024	396 x 324 x 17	300	1000:1	89°/89°/89°/89°	0 - +50	AHVA	LVDSx2 8b	x		50K		AG; 6500K
19" Cut	AUO	G190SF01 V0	1680 x 350	493.7 x 124.8 x 18.5	300	2000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		AG; 7500K
19"	NLT	NL128102AC29-17	1280 x 1024	396.0 x 324.0 x 18	800	1000:1	88°/88°/88°/88°	-20 - +70	UA-SFT	LVDSx2 8b	x		94k	72%	AG; lvds 2port
21.3"	AUO	G213QAN01.0	2048 x 1536	457 x 350 x 19.81	800	1200:1	89°/89°/89°/89°	0 - +60	AHVA	LVDSx2 10b	x		50K		AG; for medical use (7500K)
21.3"	NLT	NL160120AC27-32	1600 x 1200	457 x 350 x 21.5	900	1400:1	88°/88°/88°/88°	0 - +60	UA-SFT	LVDSx2 8b	x		70k	72%	AG; lvds 2port
21.5"	AUO	G215HVN01.0	1920 x 1080	495.6 x 292.2 x 17.35	300	5000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		FHD; AG
24"	AUO	G240HW01 V0	1920 x 1080	556 x 323.2 x 17	300	3000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		FHD; AG
27"	AUO	P270HVN01.0	1920 x 1080	613.6 x 356.85 x 10	350	3000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b			50K		FHD; AG; TCO6.0; Bezel 6/6/6/10mm
32"	AUO	P320HVN02.0	1920 x 1080	719.2 x 413.7 x 24.8	450	3000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		AG
32"	AUO	P320XVF03.0	1366 x 768	745.68 x 485.75 x 22	transparent	3000:1	89°/89°/89°/89°	0 - +50	VA	HDMI	x				Transparent panel with HDMI Interface
42"	AUO	P420HVN02.0	1920 x 1080	958.2 x 551.1 x 27	500	5000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x				portrait/landscape; FHD; AG; Bezel 9.8mm
42"	AUO	P420HVN03.0	1920 x 1080	958.2 x 551.1 x 27	700	5000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x				portrait/landscape; FHD; AG; Bezel 9.8mm
46"	AUO	P460HVN02.0	1920 x 1080	1044.08 x 598.67 x 26.5	500	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		portrait/landscape; FHD; AG; Bezel 9.8mm
46"	AUO	P460HVN03.0	1920 x 1080	1044.08 x 598.67 x 26.5	700	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 8b	x		50K		portrait/landscape; FHD; AG; Bezel 9.8mm
55"	AUO	P550HVN02.2	1920 x 1080	1235.6 x 706.4 x 25.5	500	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x		50K		portrait/landscape; FHD; AG; Bezel 9.8mm
55"	AUO	P550HVN03.2	1920 x 1080	1235.6 x 706.4 x 25.5	700	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x		50K		portrait/landscape; FHD; AG; Bezel 9.8mm
55"	AUO	P550HVN05.0	1920 x 1080	1219 x 689.8 x 37.5	500	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; Bezel 9.4 mm
55"	AUO	P550HVN05.1	1920 x 1080	1219 x 689.8 x 37.5	800	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x		50K		FHD; AG; Bezel 9.4 mm
55"	AUO	P550HVN06.0	1920 x 1080	1242.2 x 713 x 56.8	2500	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; Bezel 12.3mm; HighBrightness
55" dualside	AUO	P550HVN04.0	1920 x 1080	1363.2 x 816.2 x 19.6	450/700	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; NNB; portrait/landscape
55" dualside	AUO	P550HVN04.1	1920 x 1080	1363.2 x 816.2 x 19.6	450/450	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; NNB; portrait/landscape
65"	AUO	P650HVN02.3	1920 x 1080	1508.0 x 878.0 x 34.4	450	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; Portrait/Landscape; Bezel 33.7mm
65"	AUO	P650HVN02.5	1920 x 1080	1508.0 x 878.0 x 34.4	700	4000:1	89°/89°/89°/89°	0 - +50	VA	LVDSx2 10b	x				FHD; AG; Portrait/Landscape; Bezel 33.7mm
65"	AUO	P650QVN01.0	3840 x 2160	1445.3 x 823.8 x 32.4	600	tbd	89°/89°/89°/89°	0 - +50	VA	V-by-One 8lane	x				4K2K; AG; Portrait/Landscape; Bezel 7.4 mm
75"	AUO	P750QVN01.0	3840 x 2160	1675.8 x 953.8 x 32.5	450	5000:1	89°/89°/89°/89°	0 - +50	VA	V-by-One 16lane	x				4K2K; AG; Portrait/Landscape; Bezel 11.7/11.7/10.8/10.8 (LROU)

Technologie: TN: TwistedNematic, EVT: EnhancedViewTFT, VA: VerticalAlignment, SFT: SuperFineTFT, IPS: InPlaneSwitching, AG: Antiglare, AR: Antireflective, MP: MassProduction

ANSTEUERKARTEN

Bezeichnung	max. Auflösung	Schnittstellen	Maße (mm)	Special Features
PrismaECO-IV	1920 x 1200	VGA, DVI-D	126 x 101	100% kompatibel mit PrismaECO-III
PrismaECO-eDP	1920 x 1200	DP, HDMI	100 x 80	für Displays mit eDP Schnittstelle
Prisma-III A	1920 x 1200	VGA, DVI-D, S-Video, Composite	150 x 110	weiter Temperaturbereich, PIP, sehr flexibel konfigurierbar
PrismaMEDIA-Eco	1920 x 1200	VGA, HDMI, DP	160 x 100	weiter Temperaturbereich, optional: Audio, Helligkeitssensor, Temperatursensor, OSD Menü in vielen Sprachen
PrismaCOMPACT-Media	1920 x 1200	VGA, DVI, HDMI, DP	130 x 70	Bauhöhe 8 mm
PMD1.0-A	1920 x 1200	VGA, DVI-D, S-Video, Composite, HD3G (HD-SDI)	180 x 116	PIP, 10 Bit Farbtiefe, 120 Hz Bildwiederholfrequenz, LAN, GPIOs, Farbkalibrierung, optional alle Eingänge geloopt u.v.m.
PMD1.0-B	2560 x 1440	VGA, DVI-D, S-Video, Composite, HD3G (HD-SDI)	180 x 116	wie PMD1.0-A, nur leistungsfähigerer Grafikprozessor
21031E (CRTtoLCD51)	1600 x 1200	DisplayPort, DVI (mit VGA!)	180 x 120	DisplayPort 1.1, gleicher Formfaktor wie CRTtoLCD7
21091E (CRTtoLCD61)	1600 x 1200	DisplayPort, DVI (mit VGA!)	119 x 95	wie CRTtoLCD51, kleiner Formfaktor
21087E (CRTtoLCD61 Pro)	1920 x 1200	DisplayPort, DVI (mit VGA)	119 x 95	wie CRTtoLCD61, höhere Auflösung
21115E (CRTtoLCD71 full)	1920 x 1200	DisplayPort, DVI (mit VGA!), S-Video, Composite	180 x 120	DisplayPort 1.1, PIP, HDCP protection, 12V und 24V Versorgung, Scriptprogrammierung für kundenspezifische Lösungen
21116E (CRTtoLCD71 light)	1920 x 1200	DisplayPort, DVI (mit VGA!)	180 x 120	DisplayPort 1.1, PIP, 12V und 24V Versorgung, Scriptprogrammierung für kundenspezifische Lösungen

TOUCHSCREENS

Auch in kleinen Stückzahlen erhältlich

Standard & kundenspezifische Touchlösungen

- Resistive Touchscreens
- Projected Capacitive Touchscreens (PCAP)
- Air Gap Bonding
- Optical Bonding



SINGLE BOARD COMPUTER (SBC)

2,5" Pico-ITX™	3,5" SBC	EPIC	EBX, 5,25"	Proprietär	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	RAM (max.)			Massenspeicher (max.)							Grafik						Schnittstellen										Spannungsversorgung		Temperaturbereich				Sonstiges									
										DDR	DDR2	DDR3/DDR3L	onboard	PATA	SATA	CF	CFast	mSATA	M.2	microSD/SD	Floppy	SSD (onboard)	TTL	LVDS	CRT	DVI	HDMI	DisplayPort	eDP	USB 2.0	USB 3.0	Gigabit LAN	Fast LAN	RS232	RS232/422/485	RS422/485	GPIO	I²C/SMBUS	Audio	Parallel	Keyboard/Maus		miniPCIe	MiDe™	iManager	0 ... 60 °C	-20 ... 80 °C	-40 ... 75 °C	-40 ... 85 °C		
x					piTX-E38	Kontron	Intel®Atom™	E3845/E3826/E3815	SoC			8GB		1		1						2x24					3	1	1		2			8-bit		x			1			5V					-25 ... 75 °C				
x					KTA55/piTX	Kontron	AMD®G-Serie	T40N	AMD®A55E			4GB		2								2x24	1	1			6		1				8-bit							5V	x										
x					RSB-3850	Advantech	Intel®Quark™	x1000	SoC			512MB														1		2				4-bit					1			12V	x					1x UART					
x					MIO-2270	Advantech	AMD®G-Serie	GX-415GA/GX-210JA	SoC			8GB		1		1						1x18	1	1			2	2	1		1	1	8-bit	x	x			2	x		12V	x	x*	x*							
x					MIO-3260	Advantech	Intel®Atom™, Intel®Celeron®	E3825/ N2930	SoC			8GB		1		1						1x24	1	1	1*		4	x	1		2		8-bit	x	x			1	x		12V	x	x					Pin-Header Version			
x					MIO-2263	Advantech	Intel®Atom™, Intel®Celeron®	E3825/ J1900	SoC			8GB		1		1						1x24	1	1			4	2	1		2		8-bit	x	x			2	x		12V	x	x								
x					MIO-2262	Advantech	Intel®Atom™	N2600/N2800	Intel®NM10			4GB		1		1						1x24	1				4		1		2		8-bit	x	x			1	x		12V	x	x					Pin-Header Version			
x					MIO-2261	Advantech	Intel®Atom™	N2600/N2800	Intel®NM10			4GB		1		1						1x24	1				4		1		2		8-bit	x	x			2	x		12V	x	x								
x					MIO-2260	Advantech	Intel®Atom™	N455	Intel®ICH8M			2GB		1	1							1x18	1				2		1		2		8-bit	x	x			1	x		12V	x									
x	x				MIO-5272	Advantech	Intel®Core™ i, Intel®Celeron®		SoC			16GB		2		1						2x24	1	1		1	4	2	2		2		8-bit	x	x			2	x	x		12V	x								
x					MIO-5271	Advantech	Intel®Core™ i, Intel®Celeron®	i5-4300U/2980U	SoC/4. Gen.			8GB		2		1						2x24	1	1	1*		3	2	2		2	2	8-bit	x	x			2*	x	x		12V	x	x						SIM Holder	
x					MIO-5251	Advantech	Intel®Atom™, Intel®Celeron®	E3845/E3825/ J1900	SoC			8GB		1		1						2x24	1	1	1*	1*	4	1	2		2	2	8-bit	x	x			1	x	x		12V	x	x*	x*						SIM Holder
x					MIO-5290	Advantech	Intel®Core™ i	i3-3217UE/ i7-3517UE/ i7-3555LE	Intel®QM77			8GB		2		1						2x24	1	1	1*		4	2	2		1	1	8-bit	x	x			2*	x	x		12V	x								
x					MIO-5270	Advantech	AMD®G-Serie	T40R/T40E/T56N	AMD®A50M			4GB		2		1	1					2x24	1	1	1*		6		2		3	1	8-bit	x	x			1	x	x		12V	x	x							
x					MIO-5250	Advantech	Intel®Atom™	N2600/D2550	Intel®NM10			4GB		1		1	1					1x24	1	1			6		2		2	2	8-bit	x	x			1	x	x		12V	x	x						SIM Holder, zusätzl. 2x24-bit LVDS	
x					PCM-9310	Advantech	Intel®Celeron®, Intel®Pentium®	N3710/N3160/N3060	SoC			8GB		2		1						2x24	1	1	1*		4	2	2		2	2	8-bit	x	x			2	x		12V	x									
x					PCM-9365	Advantech	Intel®Atom™, Intel®Celeron®	E3825/N2930	SoC			4GB	x	1		1						2x24	1	1			5	1	2		3	1	8-bit	x	x			2	x		12V	x								PCI-104	
x					PCM-9343	Advantech	DM&P Vortex	Vortex86DX	SoC			512MB		x		1	1					1x24	1x24	1			4		2	3	1	16-bit	x	x	1	x				5V	x	x							PC/104		
x					PCM-9375	Advantech	AMD®Geode™	LX800	AMD®CS5536			512MB		1	1	1						1x24	1x18	1			4		2	3	1	8-bit	x	x	1	x				5V	x	x							PC/104		
x					PCM-9376	Advantech	AMD®G-Serie	T16R	AMD®A55			4GB	x*	2		1*	1					1x18	2x24	1			4		2		2	2	8-bit	x	x			2	x		5V	x							PC/104		
x					IB915	iBASE	Intel®Core™ i, Intel®Celeron®	i7-6600U/i5-6300U/ i3-6100U/3955U	SoC/6. Gen.			16GB		2		1						2x24			1	1	2	4	2		3	1	x	x	x			1			9-24V	x									
x					IB899	iBASE	Intel®Pentium®, Intel®Celeron®	N3700/N3000	SoC			8GB				1	1					2x24	1	1			2	4	2		1	1		x					2			12-24V	x								
x					IB898	iBASE	Intel®Atom™	E3825/3815	SoC			4GB		2		1						2x24	1		1		3	1	1		1	1	x	x			3				12V										
x					IB909	iBASE	Intel®Core™ i	i7-5650U/i5-5350U/ i3-5010U	SoC/5. Gen.			16GB				2						2x24		1					2		1	1	x					2			9-24V	x									
x					IB908	iBASE	Intel®Core™ i, Intel®Celeron®	i7-4650U/ i5-4300U/2980U	SoC/4. Gen.			16GB		2		2						2x24		1			2	2	2		1	1	x	x			2			9-24V	x										
x					IB897	iBASE	Intel®Atom™	E3845/E3827/E3815	SoC			8GB		2		1	1					2x24	1		1		1	3	2		1	1	x	x			2			9-30V	x										
x					IB906	iBASE	Intel®Celeron®	807UE	Intel®HM65			8GB		2								2x24	1	1			6	2	2		1	1	x	x			1			12-24V	x										
x					IB905	iBASE	Intel®Core™ i, Intel®Celeron®	rPGA988B Socket	Intel®QM67			4GB		2								2x24	1	1			6	2	2		1	1	x	x			1			12V	x										
x					IB904	iBASE	AMD®G-Serie	GX420CA/GX415GA/ GX-217GA	SoC			8GB		2		1						2x24		1			4	2	2		3	1	x				2			9-24V	x										
x					IB903	iBASE	AMD®G-Serie	GX420CA/GX415GA/ GX-217GA	SoC			8GB		2		2						2x24		x			4		2		3	1	x	x			2			12-24V	x										
x					IB895	iBASE	Intel®Atom™	N2600/D2550	Intel®NM10			4GB		2		1						2x24		1			6		2		3	1	x	x			x	2		12-24V	x										
x					IB893	iBASE	Intel®Atom™	D525	Intel®ICH8M			4GB		2								2x24	1				8		2		3	1	x	x			x	1		12V	x										
x					IB891	iBASE	Intel®Atom™	N450/D510	Intel®ICH8M			2GB		2	1							1x18	1				8		2		3	1	x	x			x	1		12V	x									SmartBattery	
		x			MIO-9290	Advantech	Intel®Core™ i, Intel®Celeron®	rPGA988 Socket	Intel®QM57			8GB		2		2						2x24		1	1		2	4	2		4	2	16-bit	x	1					12V	x										
		x			PCM-9562	Advantech	Intel®Atom™	N450/D510	Intel®ICH8M			2GB		3	1							1x18	1				8		3		4		16-bit	x	x	1	x	1		12V (5V)	x	x									PC/104+, PCI
		x			IB815	iBASE	Intel®Atom™	D525	Intel®ICH8M			4GB		2	1	1						1																													

MOTHERBOARDS

Mini-ITX	Proprietär	Micro-ATX / Flex-ATX	ATX Motherboard	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	RAM (max.)		Massenspeicher (max.)				Grafische Ausgänge					Schnittstellen								Spannungsversorgung	Temperaturbereich		Sonstiges				
									DDR3/DDR3L	DDR4	SATA	CF	CFast	mSATA	M.2	LVDS	CRT	DVI	HDMI	DisplayPort	eDP	USB 2.0	USB 3.0	Gigabit LAN	Fast LAN	RS232	RS232/422/485		GPIO	Audio		Parallel	Keyboard/Maus	miniPCIe	PCI
x				AIMB-115	Advantech	Intel®Atom™	E3826	SoC	8GB		1		1		2x24	1	2*					2	1	2	1			x		2		12V		-20 ... 70 °C, UTX Formfaktor	
x				mITX-BDW-U	Kontron	Intel®Core™ i	i3-5010U/i5-5350U/i7-5650U	SoC/5. Gen.	16GB				1	x								2	2	4	2	2	160	x		1		19V	x	SIM Holder	
x				mITX-E38	Kontron	Intel®Atom™	E3845/E3826/E3815	SoC	8GB		2*		1									2	4	1	2	2*		x		1	1	12V	x		
x				KTQM87/mITX	Kontron	Intel®Core™ i, Intel®Celeron®	i3-4100E/i5-4400E/i3-4100E/i-4860E	Intel®QM87	16GB		6		1									3	4	4	2	2		x		2	1	ATX	x	embedded feature port	
x				KTQ87/mITX	Kontron	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®Q87	16GB		5		1									3	10	2	2	2		x		1	1	ATX		0 ... 50 °C	
x				KTH81/mITX	Kontron	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®H81	16GB		3		1									2	4	4	2	2		x		1	1	ATX		0 ... 50 °C	
x				KTA70M/mITX	Kontron	AMD®R-Serie	R-252F/R452L/R460L	AMD®A70M	16GB					1		1						2	10	4	2					2	1	1	12V	x	embedded feature port
x				KTQM77/mITX	Kontron	Intel®Core™ i, Intel®Celeron®	rPGA988B Socket	Intel®QM77	16GB		6					x		2	1	2		2	10	4	3	4	x	x	x	2	2	12V		embedded feature port 2x IEEE1394, DMI 2.0	
x				KTHM65/mITX	Kontron	Intel®Core™ i, Intel®Celeron®	rPGA988B Socket	Intel®HM65	8GB		6		1		x		1					2	12		1	4	x	x	x	2	2	12V/ ATX	x	embedded feature port	
x				KTQM67/mITX	Kontron	Intel®Core™ i, Intel®Celeron®	rPGA988B Socket	Intel®QM67	8GB		6		1		2x24		1		2	1	14		14	3	4	18-bit	x	1	x	2	2	12V	x	embedded feature port, 2x IEEE1394	
x				AIMB-285	Advantech	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®H110	16GB	3					2x24	1	1	1				4	4	2	2	8-bit	x		2	1	12V	x	TPM 1.2 /2.0		
x				AIMB-281	Advantech	Intel®Core™ i, Intel®Xeon®, Intel®Pentium®, Intel®Celeron®	LGA1155 Socket	Intel®H61	8GB		3				2x24	1	1					8		2	6	8-bit	x	1	x	1	1	ATX	x		
x				AIMB-275	Advantech	Intel®Core™ i, Intel®Xeon®, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®Q170	16GB	3		1			2x24	1	1	1	1			4	6	2	1	1	8-bit	x		1	1	12-24V	x	M.2	
x				AIMB-226	Advantech	AMD®R-Serie	RX-427BB/RX-225FB	AMD®A77E	16GB	4					2x24*		2	2				10	2	2	5	1	16-bit	x				12V	x	eSATA	
x				AIMB-203	Advantech	Intel®Core™ i, Intel®Pentium®	LGA1150 Socket	Intel®H81	16GB	3					2x24	1	1	1				6	2	2	8	1	8-bit	x	1	x	2	1	ATX	x	
x				AIMB-231	Advantech	Intel®Core™ i	i5-5350U/i3-5010U	SoC	16GB	3		1			1x24		1	1	1*			2	4	2	1	1			x	2		12V	x		
x				AIMB-230	Advantech	Intel®Core™ i, Intel®Celeron®	i3-4010U/i5-4300U/2980U	SoC	16GB	3		1			2x24		1	2				2	4	2	1	1	8-bit	x	x			12V	x		
x				AIMB-201DS	Advantech	Intel®Core™ i, Intel®Celeron®	uFC-PGA988 Socket	Intel®QM77	16GB	1		1										3	3	1	1	8-bit	x		1		19V	x			
x				AIMB-274	Advantech	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®Q87	16GB	4					2x24	1	1					3*	4	2	1	8-bit	x		2	1	ATX	x			
x				AIMB-273	Advantech	Intel®Core™ i, Intel®Celeron®	uFC-PGA988 Socket	Intel®QM77	8GB	4	1				2x24	1	1	2				4	4	2	2	8-bit	x	x	1	1	ATX	x			
x				AIMB-225	Advantech	AMD®G-Serie	GX-424CC/GX412HC	SoC	16GB	2		1			2x24		1	1				6	2	2	4	1	8-bit	x	1	x	1	1	12V	x	
x				AIMB-224	Advantech	AMD®R-Serie	Socket	AMD®A70M	16GB	4					2x24*	1	1	1				8	4	2	4	2	8-bit	x		2	1	12V	x		
x				AIMB-223	Advantech	AMD®G-Serie	T56N/T44R/T40E	AMD®A55E	2GB	4	1				2x24	1	1	1				8	2	6	8-bit	x	x	1	1	1	ATX	x			
x				AIMB-216	Advantech	Intel®Celeron®	N3150	SoC	8GB				1		2x24		1	1	1			1	5						1		12V	x			
x				AIMB-215	Advantech	Intel®Celeron®	N2920/J1900	SoC	8GB	2		*			2x24	1		1				9	1	2	5	1	8-bit	x	x	2	1	12V	x		
x				AIMB-214	Advantech	Intel®Atom™	N2600/D2550	Intel®NM10	4GB	2	1	1			2x24	1	1	1				8		2	5	1	8-bit		x	1	1	12V	x		
x				AIMB-213	Advantech	Intel®Atom™	N455/D525	Intel®ICH8M	4GB	3	1				1x24	1	1					8		2	5	1	8-bit	x		1	1	12V	x		
x				SIMB-M22	Advantech	AMD®G-Serie	T40R	AMD®A55	4GB	5	1				1x18	1	1	1				8		2	4	8-bit	x	x			ATX	x			
x				SIMB-M21	Advantech	Intel®Core™ i, Intel®Celeron®	rPGA988 Socket	Intel®HM65	16GB	5	1				2x24	1	1	1				10		2	4	8-bit	x		1	1	ATX	x			
x				SIMB-M02	Advantech	Intel®Atom™	N2600/D2550	Intel®NM10	4GB	2	1				1x24	1	1					7		1	6	8-bit	x		1	1	ATX	x			
x				MI991	iBase	Intel®Core™ i, Intel®Xeon®, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®C236	32GB	4		1				1	1	1				4	6	2	3	1	8-bit	x		2	1	ATX	x	TPM	
x				MI990	iBase	Intel®Core™ i, Intel®Celeron®	E3-1505M/i7-6820EQ/i5-6440EQ/i3-6100E	Intel®CM236	32GB	4		1	1		2x24		1	1	1			4	6	2	5	1	8-bit	x		2	1	ATX	x	TPM	
x				MI808	iBASE	Intel®Pentium®, Intel®Celeron®	N3700/N3000	SoC	8GB	2		1*	1		2x24	1	1					2	4	2	3	1	8-bit	x	1	1	12V or 18-24V	x	SIM-Holder		
x				MI805	iBASE	Intel®Celeron®	J1900	SoC	8GB	2		1			2x24	1	1					4	1	1	5	1	8-bit	x		1	1	12-24V	x	Atom™ E38xx (optional)	
x				MI987	iBASE	Intel®Core™ i, Intel®Celeron®	LGA1150 Socket	Intel®Q87/H81	16GB	2		2				1	1	1				6*	4*	2	1	1	x	x	2	1	19V	x			
x				MI985	iBASE	Intel®Core™ i	i7-5700EQ/i7-5850EQ	Intel®QM87	16GB	6					2x24*	1	1	1	1*			6	4	2	5	1	8-bit	x	2	1	ATX	x			
x				MI981	iBASE	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®Q87	16GB	4		1			x	1	1	1				6	6	2	5	1	8-bit	x	2	1	ATX	x			
x				MI980	iBASE	Intel®Core™ i	i3-4100E/i5-4400E/i7-4700EQ	Intel®QM87/HM86	16GB	6		1			2x24	1	1	1				6	4	2	5	1	8-bit	x	2	1	ATX	x			
x				MI970	iBASE	Intel®Core™ i, Intel®Celeron®	rPGA988B	Intel®QM77	16GB	6		1			2x24	1	1	1				8	4	2	3	1	8-bit	x	2	1	ATX	x			
x				MI977	iBASE	AMD®R-Serie	RX427BB/RX425BB/RX225FB	A77E	32GB	5		1			2x24		1	1				8	4	3	5	1	8-bit	x		2	1	ATX	x	SIM-Holder	

MOTHERBOARDS

Mini-ITX	Proprietär	Micro-ATX/Flex-ATX	ATX Motherboard	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	RAM (max.)		Massenspeicher (max.)				Grafische Ausgänge					Schnittstellen							Temperaturbereich		Sonstiges						
									DDR3/DDR3L	DDR4	SATA	CF	CFast	mSATA	M.2	LVDS	CRT	DVI	HDMI	DisplayPort	eDP	USB 2.0	USB 3.0	Gigabit LAN	Fast LAN	RS232	RS232/422/485	GPIO		Audio	Parallel	Keyboard/Maus	miniPCIe	PCI	PCI-Express
x				MI959	iBASE	AMD®R-Serie	FS1r2 Socket	AMD®A70M	8GB		6					2x24	1	1		4	3	2		5	1	8-bit	x			2	1	ATX	x		
x				MI958	iBASE	AMD®G-Serie	T56N/T48N/T40N	AMD®A55	8GB		4					1x18	1	1		8		2	3	1		8-bit	x			1	1	1	ATX	x	
x				MI802	iBASE	Intel®Atom™	N2600/D2550	Intel®NM10	4GB		2					2x24	1	1		8*		2		2	1	8-bit	x	x	1	1		12-24V	x		
	x			KTH81/Flex	Kontron	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®H81	16GB		4					2x24			2	8	2	2		2			x			1	2	ATX	x	TPM	
	x			KTQ87/Flex	Kontron	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1150 Socket	Intel®Q87	32GB		6					2x24			3	8	4	2					x			1	2	ATX	x		
	x			KTA75/Flex	Kontron	AMD®R-Serie	Fs1R2 Socket	AMD®A75	32GB		3		1					3	4	4	2						x			1	2	ATX			
	x			KTQ77/Flex	Kontron	Intel®Core™ i		Intel®Q77	32GB		6		1		1			2	10	4	3		4			x	1	1	2	2	ATX	x			
	x			AIMB-585	Advantech	Intel®Core™ i, Intel®Xeon®, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®Q170/C236/H110		64GB	4		1		1	1	1	1	1	4*	12	2		5	1	16-bit	x			1	4	ATX	x	TPM	
	x			AIMB-584	Advantech	Intel®Core™ i, Intel®Xeon®, Intel®Pentium®	LGA1150 Socket	Intel®Q87/C226		32GB	6					2x24	1	1	1	1	8	4	2	5	1	8-bit		1		2	2	ATX	x		
	x			AIMB-785	Advantech	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®Q170	64GB		6						1	2		7	6	2		4	1	8-bit		1	1	3	4	ATX	x	TPM	
	x			MB990	iBASE	Intel®Core™ i, Intel®Pentium®, Intel®Celeron®	LGA1151 Socket	Intel®Q170	64GB		6						1	1	1	4	10	2		5	1	8-bit	x		1	3	4	ATX	x	TPM	
	x			AIMB-784	Advantech	Intel®Core™ i, Intel®Pentium®	LGA1150 Socket	Intel®Q87	32GB		6						1	2	1	9	4	2		1			x	x		4	3	ATX	x		
	x			AIMB-782	Advantech	Intel®Core™ i, Intel®Pentium®	LGA1155 Socket	Intel®Q77	32GB		6						1	1		10	4	2		5	1	8-bit	x	1	x	4	3	ATX	x		

COMs

Formfaktor	Type	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	Arbeitsspeicher (max.)				Massenspeicher (max.)				Grafische Ausgänge					USB			Ethernet		Einsatz Temperatur				Sonstiges			
							DDR	DDR2	DDR3/DDR3L	DDR4	onboard	PATA	SATA	SD/MMC	SSD	TTL	LVDS	CRT	SDVO	DVI	HDMI	DP/eDP	Host 2.0	Host 3.0	Client	OTG	Giga	Fast		Spannungsversorgung	0 ... 60 °C	-20 ... 80 °C
COM Express™ Basic (95 x 125 mm)	COM Express™ Basic (95 x 125 mm)	Type 6	COMe-bBL6	Kontron	Intel®Core™ i	i7-5850EQ/i7-5700EQ			16GB			4				2x24	1			3	4	4		1	8,5 V-20 V	x		x			2x UART, TPM	
	COM Express™ Basic (95 x 125 mm)	Type 6	COMe-bBD6	Kontron	Intel®Xeon	D-1548/D-1537/D-1528/D-1527																										
	COM Express™ Basic (95 x 125 mm)	Type 6	COMe-bHL6	Kontron	Intel®Core™ i, Intel®Celeron®	i7-4860EQ/i7-4850EQ/i7-4700EQ/i5-4400E/i5-4402E/i3-4100E/i3-4102E/2000E/2002E			16GB			4				2x24	1			3	8			1	8,5 V-20 V	x					TPM 1.2 2x UART	
	COM Express™ Basic (95 x 125 mm)	Type 2	COMe-bIP2	Kontron	Intel®Core™ i	i7-3612QE, i7-3555LE, i7-3517UE			16GB		1	4				2x24	1	1		3	8			1	8,5 V-20 V	x					TPM 1.2 2x UART	
	COM Express™ Basic (95 x 125 mm)	Type 6	COMe-bIP6	Kontron	Intel®Core™ i	i7-3612QE, i7-3555LE, i7-3517UE			16GB			4				2x24	1	1		3	4	4		1	8,5 V-20 V	x					TPM 1.2 2x UART	
	COM Express™ Basic (95 x 125 mm)	Type 2	COMe-bSC2	Kontron	Intel®Core™ i, Intel®Celeron®	i7-2715QE/i7-2655LE/i7-2610UE/i5-2515E/i3-2310E/i3-UE/B810E/847E/827E/807UE			16GB		1	4				2x24	1	1		4	8			1	8,5 V-18 V	x					TPM 1.2	
	COM Express™ Basic (95 x 125 mm)	Type 6	COMe-bSC6	Kontron	Intel®Core™ i, Intel®Celeron®	i7-2715QE/i7-2655LE/i7-2610UE/i5-2515E/i3-2310E/i3-2340UE/B810E/847E/827E/807UE			16GB			4				2x24	1	1		4	8	2		1	8,5 V-18 V	x	x				TPM 1.2 2x UART	
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5991	Advantech	Intel®Xeon, Intel®Pentium®	D-1548/D1537/D1517	SoC		32GB			4								4	4			1	8,5 V-20 V	x		x			10GBASE-KR	
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5897	Advantech	Intel®Core™ i, Intel®Celeron®	i7-6820EQ/7-6822EQ/i5-6440EQ/i5-6442EQ/i3-6100E/i3-6102E	Intel®QM170			32GB			4			2x24	1		2*	2*	2	8	4		1	8,5 V-20 V	x		x			TPM 2.0 2x COM
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5893	Advantech	AMD®R-Serie	RX-427BB/RX-425BB/RX-225FB	AMD®A77E			16GB			4			2x24	1		1*	1*	1*	8	4		1	8,5 V-20 V	x					

Formfaktor	Type	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	Arbeitsspeicher (max.)					Massenspeicher (max.)				Grafische Ausgänge					USB			Ether-net		Einsatz Temperatur				Sonstiges				
							DDR	DDR2	DDR3/DDR3L	DDR4	onboard	PATA	SATA	SD/MMC	SSD	TTL	LVDs	CRT	SDVO	DVI	HDMI	DP/eDP	Host 2.0	Host 3.0	Client	OTG	Giga	Fast	Spannungsversorgung		0 ... 60 °C	-20 ... 80 °C	-25 ... 75 °C	-40 ... 85 °C
COM Express™ Basic (95 x 125 mm)	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5894	Advantech	Intel®Core™ i	i7-4700EQ/i5-4400E/i5-4402E/i3-4100E/i3-4102E	Intel®QM87/4. Gen.			16GB				4					2x24	1		3*	3*	3*	8	4		1	8,5V-20V	x				TPM, iManager, ECC Support
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-9890	Advantech	Intel®Core™ i	i7-3610QE/i5-3610ME/i3-3120ME	Intel®QM77/3. Gen.			16GB				4					2x24	1		3*	3*	3*	8	4		1	12 V	x				TPM, iManager
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5892	Advantech	Intel®Core™ i, Intel®Celeron®	i7-3615QE/i7-3612QE/i7-3555LE/i5-3610ME/i3-3120ME/i3-3217UE/020E/1047UE/927UE	Intel®QM77/3. Gen.			16GB				4					2x24	1		1*	1*	3	8	4		1	12 V	x				TPM
	COM Express™ Basic (95 x 125 mm)	Type 2	SOM-5790	Advantech	Intel®Core™ i, Intel®Celeron®	i7-2715QE/i7-2665LE/i7-2610UE/i5-2515E/B810E/827E	Intel®QM67/2. Gen.			16GB				1	4				2x24	1	1				8			1	12 V	x				iManager
	COM Express™ Basic (95 x 125 mm)	Type 6	SOM-5890	Advantech	Intel®Core™ i, Intel®Celeron®	i7-2715QE/i7-2655LE/i7-2610UE/i5-2515E/i3-2310E/i3-2340UE/B810E/847E/827E	Intel®QM67/2. Gen.			16GB				4					2x24	1	1	3	3	3	8			1	12 V	x	x	x		ECC support iManager
COM Express™ Compact (95 x 95 mm)	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cSL6	Kontron	Intel®Core™ i		6. Gen			24GB				2										x	4		1	8.5 V-20 V	x					
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cBL6	Kontron	Intel®Core™ i, Intel®Celeron®	i7-5650U/i5-5350U/i3-5010U/3755U	SoC/5.Gen.			8GB				4					2x24						3	6	2	1	8.5 V-20 V	x	x			2x serial
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cSE6	Kontron	AMD®G-Serie	GX-424CC/GX-414HC/GX-222GC/GX-212JC/GX-208JC	SoC			16GB				2	64GB				2x24	1				2	6	2	1	4,75 V-20 V	x		x			2x serial
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cBTi6R	Kontron	Intel®Atom™	E3845/E 3826/E3825/E3815	SoC			8GB		x		2	1	64GB			2x24	1				2	6	1	1	4,75 V-20 V			x		2x MIPI, 2x SER, 2nd GBLAN (opt.)	
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cBT6	Kontron	Intel®Atom™, Intel®Celeron®	E3845/E3827/E3826/E3825/E3815/J1900/N2920/N2930/N2807	SoC			8GB				2	1	64GB			2x24	1				2	7	1	1	4,75 V-20 V	x		x			2x SER
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cHL6	Kontron	Intel®Core™ i, Intel®Celeron®	i7-4650U/i5-4300U/i3-4010U/2980U	SoC/4. Gen.			8GB				4					2x24					2	6	2	1	8,5V-20V	x	x			2x SER, TPM	
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cTH6	Kontron	AMD®R-Serie	R460L/R452L/R260H	AMD®A70M M3			8GB				3					2x24	1				3	4	4	1	4,75 V-20 V	x					2x SER, TPM
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cCT6	Kontron	Intel®Atom™	N2600/N2800/D2550	Intel®NM10			4GB		x		2					1x24	1				2	8	3	1	4,75 V-20 V	x					iTPM 1.2, 2x UART
	COM Express™ Compact (95 x 95 mm)	Type 6	COMe-cOH6	Kontron	AMD®G-Serie	T44R/T52R/T56N	AMD®A50M			8GB				4					1x18	1		2	2	2	6	2	1	4,75 V-18 V	x					2x UART
	COM Express™ Compact (95 x 95 mm)	Type 2	COMe-cOH2	Kontron	AMD®G-Serie	T44R/T52R/T56N	AMD®A50M			8GB				4					1x18	1		2	2	2	6	2	1	4,75 V-18 V	x					2x UART
	COM Express™ Compact (95 x 95 mm)	Type 2	COMe-cPV2	Kontron	Intel®Atom™	D510/D410/N450	Intel®ICH8M			4GB				1	4				1x18	1					8		1	8,5 V-18 V	x					
	COM Express™ Compact (95 x 95 mm)	Type 6	SOM-6868	Advantech	Intel®Pentium™, Intel®Celeron®, Intel®Atom™	N3710/N3160/N3060/N3010/X5-E8000	SoC			8GB				2					2x24	1			1	2	8	4	1	4,75 V-20 V	x					
	COM Express™ Compact (95 x 95 mm)	Type 6	SOM-6897	Advantech	Intel®Core™ i, Intel®Celeron®	i7-6600U/i5-6300U/i3-6100U/3955U/i7-TBD/i5-TBD	SoC			16GB				3					2x24	1		x	x	x	8	4	1	4,75V-20V	x					
	COM Express™ Compact (95 x 95 mm)	Type 6	SOM-6896	Advantech	Intel®Core™ i, Intel®Celeron®	i7-5650U/i5-5350U/i3-5010U/3765U	SoC/5.Gen.			16GB									2x24	1		1	1	1	8	2	1	4,75V-20V	x					
	COM Express™ Compact (95 x 95 mm)	Type 6	SOM-6894	Advantech	Intel®Core™ i, Intel®Celeron®	i7-4650U/i5-4300U/i3-4010U/2980U	SoC/5. Gen			16GB				4					2x24	1		2*	2*	2*	8		1	4,75V-20V	x					TPM, iManager
	COM Express™ Compact (95 x 95 mm)	Type 6	SOM-6867	Advantech	Intel®Atom™, Intel®Celeron®	E3845/E3827/J1900	SoC			8GB				2					2x24	1			1		8	1	1	4,75V-20V	x					SSD 64GB opt., iManager
	COM Express™ Compact (95 x 95 mm)	Type 2	SOM-6765	Advantech	Intel®Atom™	N2600/N2800/D2550	NM10			4GB				1	2				1x24	1		2	2	2	8			12 V	x					iManager
COM Express™ Mini (55 x 84 mm)	COM Express™ Mini (55 x 84 mm)	Type 10	COMe-mBT10	Kontron	Intel®Atom™, Intel®Celeron®	E3845/E3827/E 3826/E3825/E3815/J1900/N2920/N2930/N2807	SoC			8GB		x		2	64GB				1x24					1	7	1	1	4,75 V-20 V	x		x			eDP opt., UART, TPM, ECC
	COM Express™ Mini (55 x 84 mm)	Type 10	COMe-mCT10	Kontron	Intel®Atom™	N2600/N2800/D2550	Intel®NM10			2GB		x		2	32GB				1x24					1	8		1	4,75 V-20 V	x					2 x UART
	COM Express™ Mini (55 x 84 mm)	Type 10	COMe-mTT10/COMe-mTTc10	Kontron	Intel®Atom™	E680/E660/E640/E620	Intel®EG20/EG20T			2GB		x		2	1				1x24		1			6		1	4,75 V-14 V	x		x			2 x UART (TTL) 1 x CAN optional TPM 1.2	
	COM Express™ Mini (55 x 84 mm)	Type 10	SOM-7568	Advantech	Intel®Pentium™, Intel®Celeron®	N3700/N3150/N3050/N3000	SoC			4GB		x		2	32GB				1x24				1	1	8	2		4,75 V-20 V	x					LPC; SMBus, i2C, 2x COM

COMs

Formfaktor	Type	Bezeichnung	Hersteller	CPU Art	CPU	Chipsatz	Arbeitsspeicher (max.)					Massenspeicher (max.)			Grafische Ausgänge					USB			Ether-net		Spannungs-versorgung	Einsatz Temperatur				Sonstiges		
							DDR	DDR2	DDR3/DDR3L	DDR4	onboard	PATA	SATA	SD/MMC	SSD	TTL	LVDS	CRT	SDVO	DVI	HDMI	DP/eDP	Host 2.0	Host 3.0		Client	OTG	Giga	Fast		0 ... 60 °C	-20 ... 80 °C
COM Express™ Mini (55 x 84 mm)	Type 10	SOM-7567	Advantech	Intel®Atom™, Intel®Celeron®	E3845/E3825/E3815/J1900/N2930	SoC			4GB		x	2*	64GB		1x24	1		*	*	1	4	1		1		4,75 V-20 V	x	x		x	iManager	
	Type 10	SOM-7565 A2	Advantech	Intel®Atom™	N2600/N2800	Intel®NM10			2GB		x	2	8GB		1x18					1	9			1		4,75 V - 20 V	x			x	iManager	
Qseven (70 x 70 mm)	Q7 x86	SOM-3565	Advantech	Intel®Atom™	N2600	Intel®NM10			2GB		x	2			1x18			1*	1*	1	8			1		5V	x					
	Q7 RISC	ROM-7420	Advantech	ARM®/RISC	Cortex™-A9 Freescale™ i.MX6	SoC			2GB		x	1	1	2GB	2x24	1			1	1			1	1		5V				x	CAN, 4x UART	
SMARC (82 x 50 mm)	SMARC	ROM-5420	Advantech	ARM®/RISC	Cortex™-A9 Freescale™ i.MX6	SoC			1GB		x	1	1	4GB	1x24	1x24			1	2			1*	1		3V-5,25V				x	Camera Port, I²C, I²S, SPI, UART, 2x CAN, GPIO	
	SMARC	RM-F600-SMC	iBase	ARM®/RISC	Cortex™-A9 Freescale™ i.MX6	SoC			1GB		x	1	1	8GB	1x24	1x24			1	2			1	1		3V-5,25V	x			x	Camera Port, I²C, I²S, SPI, UART, 2x CAN, GPIO	
	SMARC	SMARC-sXQU	Kontron	Intel®Quark™	X1000/X1010/X1021	SoC																										
	SMARC	SMARC-sXBTi	Kontron	Intel®Atom™	E3845/E3827/E3826/E3815	SoC			8GB		x	1		64GB	1x24				1	2	1			1		3V-5,25V				x	eDP opt., I²C, SPI, SDIO, UART, GPIO	
	SMARC	SMARC-sAT30	Kontron	ARM®/RISC	Cortex™-A9 NVIDIA Tegra 3	SoC			2GB		x			64GB	1x24	2x24			1	3			1*	1		3V-5,25V	x				2x Camera Ports CSI-2, SPI, I²C, I²S, UART, GPIO	
	SMARC	SMARC-sAMX6i	Kontron	ARM®/RISC	Cortex™-A9 Freescale™ i.MX6	SoC			2GB		x	1	1	64GB	1x18	1x24			1	2			1	1		3V-5,25V	x			x	Camera Port, I²C, I²S, SPI, UART, 2x CAN, GPIO	
RTX (68 x 68 mm)	SMARC	SMARC-sA3874i	Kontron	ARM®/RISC	Cortex™-A8 TI®AM3874	SoC			2GB		x			32GB	1x24	1x24			1	2			1*	1		3V-5,25V				x	I²C, I²S, SPI, UART, 2x CAN, GPIO	
	RTX 2.0	ROM-3310	Advantech	ARM®/RISC	Cortex™-A8 TI®AM3352	SoC			512MB		x			4GB	1x24					1			1	1		5V-24V	x			x	1xRS485, 4xRS232, SPI, 2x CAN	
	RTX 2.0	ROM-3420	Advantech	ARM®/RISC	Cortex™-A9 Freescale™ i.MX6	SoC			1GB		x	1	1	4GB	1x24	2x24			1	1			1	1		3,3V	x			x	4-wire res. Touch Controller, CAN, GPIO	
RTX	ROM-1210	Advantech	ARM®/RISC	Cortex™-A8 Freescale™ i.MX53	SoC			512MB		x	1	2	64GB	2x24					1		1	1*	1		3,3V	x			x	4-wire res. Touch Controller, CAN, GPIO		
ETX (95 x 114 mm)	ETX®3.0	ET839	iBase	Intel®Atom™	E3845	SoC			4GB			1			2x24	1				4				1		5V				x		
	ETX®3.0	ETX®-OH	Kontron	AMD®G-Serie	T16R, T40R, T52R, T40E, T56N	AMD A55E			4GB			2	2		2x24	1	1			4					1	5 V	x		x		2,4,8 GB onboard SSD (opt.)	
	ETX®3.0	ETX®-LX2	Kontron	AMD®Geode™	LX800	AMD CS5536	1GB					2	2		1x24	1				4					1	5 V	x		x			
	ETX®3.0	SOM-4466	Advantech	AMD®G-Serie	T16R	AMD A5x			4GB				2		2x24*	1*				4					1		x	x*	x*			
	ETX®3.0	SOM-4455	Advantech	AMD®Geode™	LX800	AMD CS5536	1GB					1	2		1x18	1x18	1			4					1	5 V	x	x				

PANEL PC

Größe	Bezeichnung	Hersteller	Display		Touch		CPU Art	CPU	Chipsatz	RAM (max.)		Massen- speicher (max.)		Schnittstellen											Temperatur- bereich	Schutzklasse (frontseitig)	Abmessungen/ mm	Spannungs- versorgung	Sonstiges					
			Auflösung	resistive	PCAP	Fanless				DDR2	DDR3/DDR3L	CF/CFast	mSATA	2,5" HDD	CRT	HDMI	DisplayPort	DVI	USB 2.0	USB 3.0	Gigabit LAN	RS232	RS232/422/485 /485	GPIO						Audio	miniPCIe	ISA/PCI/PCIe		
6,5"	PPC-L62T	Advantech	640x480	x		x	Intel® Atom™	N455	Intel® ICH8M		2GB	1		1	1						4	2	2	1			1	1	0 ... 50 °C	IP65	202x148x49	12 ... 24V		
10,1"	FusionClient 10,1	Kontron			x	x	Intel® Atom™	E3845/E3826/E3827/ E3825/E3815	SoC		8GB		1	1		1					2	1	2	1					0 ... 50 °C	IP65		24V	RFID, WiFi, CAN, Profibus, SD Card, eMMC	
10,4"	PPC-3100	Advantech	800x600	x		x	Intel® Atom™	D2550	Intel® NM10		4GB			1							4		2	3	1		1	1	0 ... 50 °C	IP65	275x220x64,3	12 ... 30V		
10,4"	Micro Client 3 104	Kontron	800x600	x		x	Intel® Atom™	D2550	Intel® NM10		4GB		1	1		1*					3	2	2	1	1				0 ... 50 °C	IP65	318x257x69	24V	opt. CF/SD	
12"	PPC-6120	Advantech	1024x768	x			Intel® Core™ i, Intel® Celeron®	SoCket	Q87		16GB		1	1	1						2	4	2	3			1	x	0 ... 50 °C	IP65	325x254x79	12 ... 30V	RS422/485, GPIO	
12"	iPPC12A7-RE	iBASE	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB			1	1						4		2	1			1		0 ... 45 °C	IP65	390x315x66	12V	optional PCAP	
12,1"	PPC-3120	Advantech	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB			1							x		2	3	1		1	1	0 ... 50 °C	IP65	325x253x58,4	12 ... 30V		
12,1"	Micro Client 3 121	Kontron	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB		1	1		1*					3	2	2	1	1				0 ... 50 °C	IP65	347x286x68	24V	opt. CF/SD	
15"	PPC-3150	Advantech	1024x768	x		x	Intel® Atom™	E3845	SoC		8GB		1	1	1		1				3	1	2	4*			1	x	0 ... 50 °C	IP65	396x318x65	9 ... 32V	opt. CFast/CF, RS422/485	
15"	PPC-6150A	Advantech	1024x768	x			Intel® Core™ i	i3-3120ME/i5-3610ME /1020E	Intel® QM77		8GB		1	2	1	1					3	2	6*	1	1		1	2	x	0 ... 50 °C	IP65		100 ... 240V	
15"	PPC-6150	Advantech	1024x768	x			Intel® Core™ i, Intel® Celeron®	i3-3120ME/i5-3610ME /1020E	Intel® QM77		8Gb			1								2		2	3	1		1	2	0 ... 50 °C	IP65	395x316x105	100 ... 240V	3x USB3.0
15"	IPPC15B7-RE	iBASE	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB			1	1						4		2		1		1	x	0 ... 50 °C	IP65	388x315x64	9 ... 32V		
15"	IPPC15B9-RE	iBASE	1024x768	x		x	Intel® Core™ i	i3-2340UE	Intel®		16GB	1		1							2	2	2	3			1	2	x	0 ... 50 °C	IP65	388x315x110	12 ... 24V	DVI-I
15"	ASTUT-15115-PC	iBASE	1024x768		x	x	Intel® Atom™	D2550	Intel® NM10		4GB	1		1	1						4		2	1	2		1	1	1	0 ... 50 °C	IP65	390x315x85	12 ... 36V	
15"	INOSP-151-RE	iBASE	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB	1		1							2		2	1	1		1		0 ... 50 °C	IP65	425x330x60	12 ... 36V	Stainless Steel	
15"	Micro Client 3 150	Kontron	1024x768	x		x	Intel® Atom™	D2550	Intel® NM10		4GB		1	1		1*					3	2	2	1	1				0 ... 50 °C	IP65	429x334x71	24V	opt. CF/SD	
15,6"	FusionClient 15,6	Kontron	1366x768		x	x	Intel® Atom™	E3845/E3826/E3827/ E3825/E3815	SoC		8GB		1	1		1					2	1	2	1					0 ... 50 °C	IP65	414x298x90	24V	RFID, WiFi, CAN, Profibus, SD Card, eMMC	
15,6"	PPC-4150W	Advantech	1366x768		x	x	Intel® Atom™	D2550	Intel® NM10		4GB			1	1						5		2	3	1		1	1	x	0 ... 50 °C	IP65	419x269x59	12 ... 30V	PCAP, mSATA
15,6"	PPC-4151W	Advantech	1366x768		x	x	Intel® Core™ i, Intel® Celeron®	i3-4010U/i5-4300U/ 2980U	SoC		8GB		1	1	1	1					1	4	2	4			1	1	x	0 ... 50 °C	IP65	420x269x59	9 ... 32V	RS422/485
15,6"	Micro Client 3 156	Kontron	1366x768		x	x	Intel® Atom™	D2550	Intel® NM10		4GB		1	1		1*					2	2	2	1	1				0 ... 50 °C*	IP65	419x270x69	24V	opt. CF/SD	
15,6"	Omni Client 15,6"	Kontron	1366x768		x		Intel® Core™ i	i5/i7	2. Generation		16GB		1	2		2					4		3	2			1		0 ... 50 °C	IP65	261x410x111	24V/115-220V	DVI, WLAN, RFID	
17"	PPC-3170	Advantech	1280x1024	x		x	Intel® Atom™	E3845	SoC		8GB		1	1	1	1					3	1	2	4*			1	x	0 ... 50 °C	IP65	442x362x70	9 ... 32V		
17"	PPC-6170A	Advantech	1280x1024	x			Intel® Core™ i	i5-3610ME/i7-3612QE	Intel® QM77		8GB		1	2	1	1					3	2	6*	1	1		1	2	x	0 ... 50 °C	IP65		100 ... 240V	
17"	PPC-6170	Advantech	1280x1024	x			Intel® Core™ i, Intel® Celeron®	i3-3120ME/i5-3610ME/ 1020E	Intel® QM77		8GB			1								2		2	3	1		1	1	0 ... 50 °C	IP65	442x362x113	100 ... 240V	3x USB 3.0
17"	IPPC17A9-RE	iBASE	1280x1024	x		x	Intel® Core™ i	i3-2340UE	Intel®		16GB	1		1							2	2	2	3			1	2	x	0 ... 50 °C	IP65	430x365x118	12 ... 24V	DVI-I
17"	Micro Client 3 170	Kontron	1280x1024	x			Intel® Atom™	D2550	Intel® NM10		4GB		1	1		1*					3	2	2	1	1				0 ... 50 °C	IP65	441x379x70	24V	opt. CF/SD	
18,5"	FusionClient 18,5"	Kontron			x	x	Intel® Atom™	E3845/E3826/E3827/ E3825/E3815	SoC		8GB		1	1		1					2	1	2	1					0 ... 50 °C	IP65		24V	RFID, WiFi, CAN, Profibus, SD Card, eMMC	
18,5"	Omni Client 18,5"	Kontron	1366x768		x		Intel® Core™ i		2. Generation		16GB		1	2		2					4		3	2			1		0 ... 50 °C	IP65	313x481x111	24V/115-220V	DVI, WLAN, RFID	
18,5"	ASTUT-18115-PC	iBASE	1366x768				Intel® Atom™	D2550	Intel® NM10		4GB	1		1	1						4		2	1	2		1	1	1	0 ... 50 °C	IP65	520x341x84	12 ... 36V	
19"	IPPC19A9-RE	iBASE	1280x1024	x		x	Intel® Core™ i	i3-2340UE	Intel®		16GB	1		1							2	2	2	3			1	2	x	0 ... 50 °C	IP65	465x390x118	12 ... 24V	DVI-I
19"	INOSP-191-RE	iBASE	1280x1024	x		x	Intel® Atom™	D2550	Intel® NM10		4GB	1		1							2		2	1	1		1		0 ... 50 °C	IP65	470x388x60	12 ... 36V	Stainless Steel	
19"	PPC-3190	Advantech	1280x1024	x		x	Intel® Atom™	E3845	SoC		8GB	1	1	1	1	1					3	1	2	4	1	8-bit		x	0 ... 50 °C	IP65	458x384x67	9 ... 32 V		
21,5"	FusionClient 21,5"	Kontron	1920x1080		x	x	Intel® Atom™	E3845/E3826/E3827/ E3825/E3815	SoC		8GB		1	1		1					2	1	2	1					0 ... 50 °C	IP65		24V	RFID, WiFi, CAN, Profibus, SD Card, eMMC	
21,5"	PPC-4211W	Advantech	1920x1080		x	x	Intel® Core™ i, Intel® Celeron®	i5-4300U/2980U	SoC		8Gb		1	1	1	1					1	4	2	4			1	1	x	0 ... 50 °C	IP65	558x349x64	9 ... 32V	RS422/485
21,5"	Omni Client 21,5"	Kontron	1920x1080		x		Intel® Core™ i		2. Generation		16GB		1	2		2					4		3	2			1		0 ... 50 °C	IP65	341x544x111	24V/115-220V	DVI, WLAN, RFID	
21,5"	ID00H-210-IR	iBASE	1920x1080			x	Intel® Atom™	E3845	SoC		8GB		2	1		1					1	1	2	1			2		IP65	574x357x83	90-240V	IR Touch, -20 ... 60°C, 1.200 nits		
10,4"	HMIly10P	Fortec	1024x768		x	x	Intel® Atom™	D2550	Intel® NM10		4GB	1									1	4	2	1		1	1	x	264x211x60	12 ... 24V				
7"	HMIly7T3HE	Fortec	800x480	x		x	Intel® Atom™	N450	Intel® ICH8M	2GB			1		1						2		1	1*		1*		x	200x111x70	5V		Open-Frame PPC		
10,4"	HMIly10T	Fortec	1024x768	x	x	x	Intel® Atom™	D2550	Intel® NM10		4GB	1									1	4	2	3			1	1	x	247x188x55	12 ... 24V		Open-Frame PPC	
10,4"	HMIly10M	Fortec	1024x768		x	x																						x	264x211x37	12V		Monitor		
10,6"	HMIly10,6T	Fortec	1280x768		x	x	Intel® Atom™	E3845	SoC		8GB	1				1					2	1	2	1			1		-20 ... +70 °C	IP65	260x176x55	12 ... 24V		Open-Frame PPC



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