

OUR GLOBAL COMPETENCE CENTRES



 APOLLO DISPLAY
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A FORTEC GROUP MEMBER

Board / TFT-Display Kits

SOFORT EINSATZBEREITE

TFT DISPLAY

KIT-LÖSUNGEN

MIT EMBEDDED
SINGLE-BOARD-COMPUTER



- **conga-PA7**
2,5" Pico-ITX SBC with Intel® Elkhart Lake Processor
- **conga-PA5**
2,5" Pico-ITX SBC with Intel® Apollo Lake Processor
- **IB836**
3,5" SBC with Intel® Elkhart Lake Processor
- **IB953**
3,5" SBC with 11th Gen. Intel® Core™ i Processor
- **IB919**
3,5" SBC with 8th Gen. Intel® Core™ i Processor
- **IB918**
3,5" SBC with AMD® Ryzen™ Embedded V1000 / R1000 Processor
- **IB917**
3,5" SBC with 7th Gen. Intel® Core™ i Processor
- **IB818 / IB811**
3,5" SBC with Intel® Apollo Lake Processor
- **QBiP-N4200B**
3,5" SBC with Intel® Apollo Lake Processor

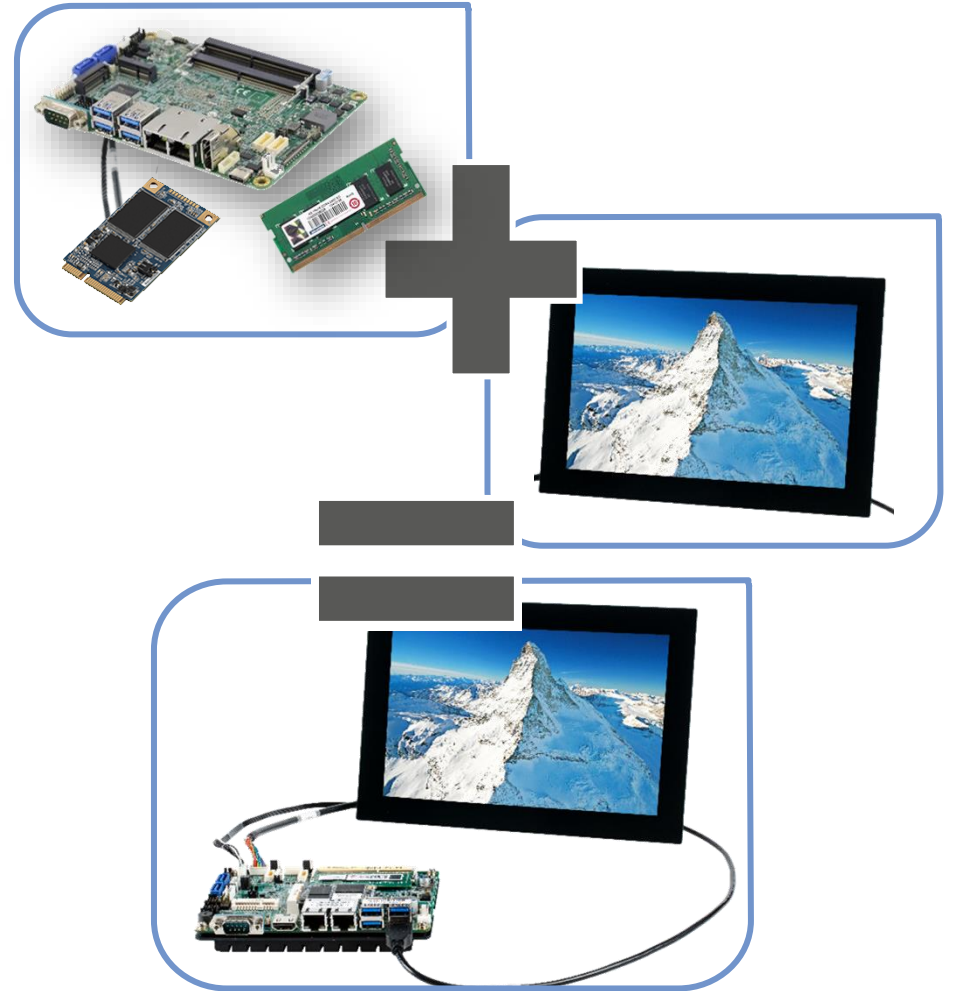
Other configuration on request!

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EMBEDDED

BOARD - TFT DISPLAY KIT

- Predefined „plug & play“ board - TFT kits
- Tested and approved kits for instant use
- Consists of board, display, predefined cable, memory, flash cards and power supplies
- Optional preinstallation of Windows 10 IoT (standard or customized image)
- Optional mounting frame
- Other configurations with alternative boards or displays sizes on request



2,5" Pico-ITX™ Single Board Computer

Size: 100 x 72 mm



CONGA-PA7 – 2,5" PICO-ITX SBC

COMING
SOON

BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400
Backlight	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6
Touch	PCAP	PCAP				

Form Factor	2,5" Pico-ITX™ Single-Board Computer
Manufacturer	congatec
Part Number	conga-PA7
Processor	Intel® Atom™ X6413E
Memory	4GB DDR3L (optional up to 16GB)
SSD	32GB eMMC (included)
Expansion Slot	2x M.2
Display Interface	DisplayPort, USB-C (I/O)
LVDS	24-bit Dual Channel LVDS or eDP (opt.)
LAN	2x Gigabit LAN with TSN Support
I/O	2x COM, 2x CAN (opt.)
	2x USB 3.1, 1x USB Type C, 2x USB 2.0
	Digital I/O
Power	12V DC-in



Other configuration on request!

CONGA-PA5 – 2,5" PICO-ITX SBC

BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400
Backlight	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6
Touch	PCAP	PCAP				

Form Factor	2,5" Pico-ITX™ Single-Board Computer
Manufacturer	congatec
Part Number	conga-PA5
Processor	Intel® Celeron® N4200
Memory	4GB DDR3L (optional up to 8GB)
SSD	32GB MLC mSATA (included)
Expansion Slot	1x miniPCIe (1x Full Size shared with mSATA)
Display Interface	DisplayPort
LVDS	24-bit Dual Channel LVDS
LAN	2x Gigabit LAN
SATA	1x SATA
	2x RS232/422/485,
I/O	2x USB 3.0, 1x USB 3.0 Type C, 2x USB 2.0
	Digital I/O
Power	12V DC-in



Other configuration on request!

3,5" Single Board Computer

Size: 102 x 146 mm



IB836 – 3,5" SINGLE-BOARD COMPUTER

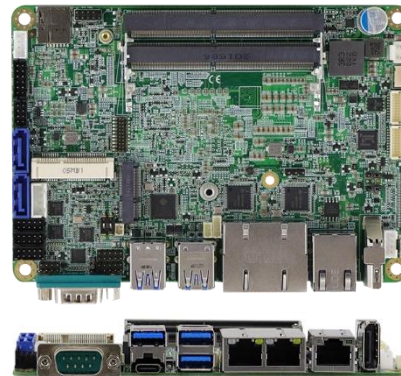
COMING SOON



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB836F-6413E
Processor	Intel® Atom™ x6413E
Memory	up to 32GB DDR4 SO-DIMM
SSD	mSATA (shared w. miniPCIe)
Expansion Slot	1x M.2 Key E, miniPCIe
Display Interface	2x DisplayPort (DP connector & Type C)
LVDS	24-bit Dual Channel LVDS (opt. eDP)
LAN	3x Gigabit LAN
SATA	2x SATA III
	1x RS232/422/485, 3x RS232
I/O	4x USB 3.1, 2x USB 2.0, 1x USB C
	Digital I/O, TPM 2.0, Audio w. Amplifier
Power	9V – 36V DC-in



Other configuration on request!

IB953 – 3,5" SINGLE-BOARD COMPUTER

COMING SOON



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10.1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB953AF-I5
Processor	Intel® Core™ i5-1145G7E
Memory	Up to 64GB DDR4 SO-DIMM
SSD	1x M.2 Key E (see expansion)
Expansion Slot	3x M.2 (Key E, Key M, Key B)
Display Interface	2x DisplayPort
LVDS	24-bit Dual Channel LVDS
eDP	eDP
LAN	2x Gigabit LAN
SATA	2x SATA III
	2x RS232/422/485,
I/O	3x USB 3.1, 3x USB 2.0
	TPM 2.0, Digital I/O, HD Audio with Amplifier
Power	12V – 24V DC-in



Other configuration on request!

IB919 – 3,5" SINGLE-BOARD COMPUTER

COMING SOON



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10.1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB919AF-8365
Processor	Intel® Core™ i5-8365UE
Memory	8GB DDR4 included (optional up to 32GB)
SSD	64GB MLC M.2 included
Expansion Slot	1x M.2 Key M Type 2280 (shared w. SSD), 1x M.2 Key E Type 2230
Display Interface	2x DisplayPort (DP connector & Type C)
LVDS	24-bit Dual Channel LVDS
eDP	eDP
LAN	2x Gigabit LAN
SATA	2x SATA III
	1x RS232/422/485, 3x RS232
I/O	1x USB Type C (shared with DP), 4x USB 3.1, 2x USB 2.0 TPM 2.0, Digital I/O, Audio with Amplifier
Power	12V – 24V DC-in



Other configuration on request!

IB918 – 3,5" SINGLE-BOARD COMPUTER

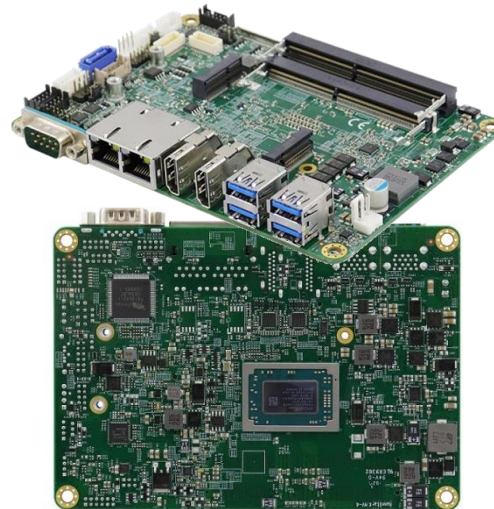
COMING SOON



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

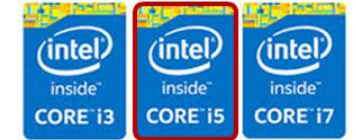
Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB918F-1605
Processor	AMD® Ryzen™ Embedded V1605B
Memory	8GB DDR4 (optional up to 32GB)
SSD	64GB MLC M.2 (included)
Expansion Slot	1x M.2 Key M Type 2280 (shared w. SSD), 1x M.2 Key E Type 2230
Display Interface	2x HDMI 2.0a
eDP	eDP
LVDS	24-bit Dual Channel LVDS (optional for R1000 Series)
LAN	2x Intel® I211 AT PCIe Gigabit LAN
SATA	1x SATA III
	1x RS232/422/485, 3x RS232
I/O	4x USB 3.1, 1x USB 2.0
	TPM 2.0, Digital I/O, Audio with Amplifier
Power	12V – 24V DC-in



Other configuration on request!

IB917 – 3,5" SINGLE-BOARD COMPUTER



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB917AF-7300
Processor	Intel® Core™ i5-7300U
Memory	4GB DDR3L (optional up to 32GB)
SSD	32GB MLC mSATA (included)
Expansion Slot	1x miniPCIe (1x Full Size, shared w. mSATA)
Display Interface	DisplayPort, HDMI
LVDS	24-bit Dual Channel LVDS
LAN	2x Gigabit LAN
SATA	2x SATA III
	1x RS232/422/485, 3x RS232
I/O	4x USB 3.0, 2x USB 2.0
	Digital I/O
Power	9V – 24V DC-in



Other configuration on request!

QBIP-N4200B – 3,5" SINGLE-BOARD COMPUTER

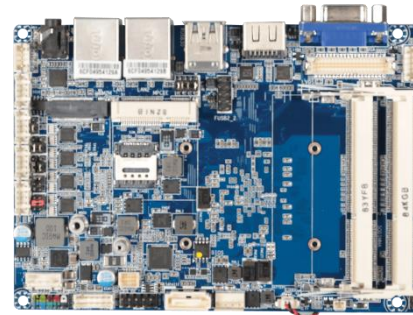
COMING SOON



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,1" (25.654 cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	17,3" (43.942 cm)	19,0" (48.26 cm)	21,5" (54.61cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	TM101JDHG30-00	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G173HW01V0	G190EG01V1	G215HVN01.0
Manufacturer	Tianma	Tianma	Tianma	Tianma	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1280x800	1280x800	1920x1080	1920x1080	1920x1080	1280x1024	1920x1080
Brightness [cd/m2]	500	850	1000	500	500	400	400	400	350	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	Integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle U/D/L/R	85/85/85/85	85/85/85/85	85/85/85/85	85/85/85/85	89/89/89/89	89/89/89/89	88/88/88/88	60/80/80/80	80/80/85/85	89/89/89/89
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	231.2x150.6x4.3	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	403.0x240.0x12.5	396.0x324.0x17.8	495.6x292.2x12.7
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	GigaIPC
Part Number	QBIP-N4200B
Processor	Intel® Pentium® N4200 (on request E3350 / E3940)
Memory	4 GB DDR3L included
SSD	32 GB eMMC onboard
Expansion Slot	1x M.2 Key M Type 2242 (shared w. SSD), 1x miniPCIe (PCIe + USB 2.0)
Display Interface	1x HDMI
LVDS	24-bit Dual Channel LVDS
eDP	(eDP only with N4200A)
LAN	2x Gigabit LAN
SATA	SATA 6Gb/s
	1x RS232/422/485, 3x RS232
I/O	2x USB 3.0, 4x USB 2.0
	TPM 2.0 (optional), Digital I/O, Audio with Amplifier
Power	9V – 36V DC-in



Other configuration with e.g. N3350, N4200 or E3940 on request!

IB818 – 3,5" SINGLE-BOARD COMPUTER



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	7,0" (17.78cm)	10,1" (25.654cm)	10,1" (25.654cm)	10,4" (26.416cm)	12,1" (30.734cm)	13,3" (33.782cm)	15,6" (39.624cm)	18,5" (46.99cm)	21,5" (54.61cm)	24,0" (60.96cm)
Part Number	TM070JVHG33-01	TM101JVHG32-01	TM101JDHG32-00	G104XVN01.0	G121EAN01.0	G133HAN01.0	NL192108AC18-02D	G185HAN01.0	G215HVN01.0	G240HW01V1
Manufacturer	Tianma	Tianma	Tianma	AUO	AUO	AUO	Tianma	AUO	AUO	AUO
Resolution	1280x800	1280x800	1280x800	1024x768	1280x800	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Brightness [cd/m2]	500 cd/m2	850 cd/m2	1000 cd/m2	470	500	400	400	350	300	300
Backlight	LED	LED	LED	LED	LED	LED	LED	LED	LED	LED
Converter	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated	integrated
Viewing Angle v/h	170°/170°	170°/170°	170°/170°	178°/178°	178°/178°	178°/178°	176°/176°	178°/178°	178°/178°	178°/178°
Interfaces	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS	LVDS
Dimensions mm	181.8x125.6x6.35	258.7x177.3x12.5	229.8x149.0x9.11	238.6x175.8x6.5	278.0x184.0x9.29	309.7x184.1x9.6	363.8x215.9x6.3	430.4x254.6x12.0	495.6x292.2x12.7	556.0x323.2x17.0
Touch	PCAP	PCAP								

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB818F-335
Processor	Intel® Celeron® N3350
Memory	4GB DDR3L (optional up to 8GB)
SSD	32GB MLC mSATA (included)
Expansion Slot	2x miniPCIe (1x Full Size shared w.mSATA, 1x Half Size)
Display Interface	HDMI 1.4b
LVDS	2x 24-bit Dual Channel LVDS
LAN	2x Gigabit LAN
SATA	2x SATA III
	1x RS232/422/485, 3x RS232
I/O	4x USB 3.0, 2x USB 2.0
	Digital I/O
Power	12V – 24V DC-in



Other configuration on request!

IB811 – 3,5" SINGLE-BOARD COMPUTER



BOARD / TFT-DISPLAY KITS WITH CABLES AND ACCESSORIES

Display Size	15,6" (39.6cm)	21,5" (54.61cm)
Part Number	G156HAB01.0	G215HVN01.0
Manufacturer	AUO	AUO
Resolution	1920x1080	1920x1080
Brightness [cd/m2]	300	300
Backlight	LED	LED
Converter	integrated	integrated
Viewing Angle v/h	tbd.	178°/178°
Interfaces	eDP	LVDS
Dimensions mm	363x229x4.9	495.6x292.2x12.7
Touch	PCAP	

Form Factor	3,5" Single-Board Computer
Manufacturer	iBASE
Part Number	IB811F-335
Processor	Intel® Celeron® N3350
Memory	4GB DDR3L (optional up to 8GB)
SSD	64GB MLC mSATA (included)
Expansion Slot	1x miniPCIe/mSATA, 1x M.2
Display Interface	HDMI 1.4b
LVDS	24-bit Dual Channel LVDS or eDP
LAN	2x Gigabit LAN
SATA	2x SATA III
	1x RS232/422/485, 3x RS232
I/O	4x USB 3.0, 2x USB 2.0
	Digital I/O, TPM
Power	9V – 36V DC-in

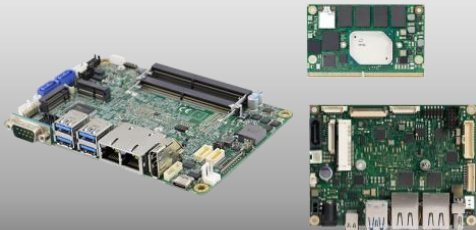


Other configuration on request!

EMBEDDED

OVERVIEW

Embedded Boards



- 2,5" Pico-ITX™
- Single-Board Computer
- PC/104
- COM Express® module
- COM HPC® module
- SMARC™ module
- Qseven® module

Industrial Mainboards



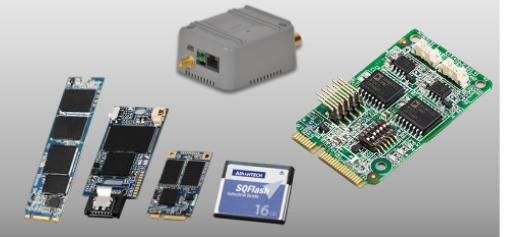
- Mini-ITX™
- Micro-ATX
- Flex-ATX
- ATX

Embedded Systems



- Embedded box PCs
- Embedded panel PCs
- Embedded server
- Embedded desktop PCs
- Digital signage player
- Industrial monitors

Accessories & IoT



- Memory, SSD, CPUs
- Extension cards
- Cables
- Power supplies
- Gateways
- Switches
- Router

Available Features & Options:

- Designed for industrial applications
- Extended temperature -40°C...+85°C
- Design-in support
- Kits (board with OS, display & cables)
- Long-term availability
- Custom design
- Fixed Bill-Of-Material
- EOL / PCN handling

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