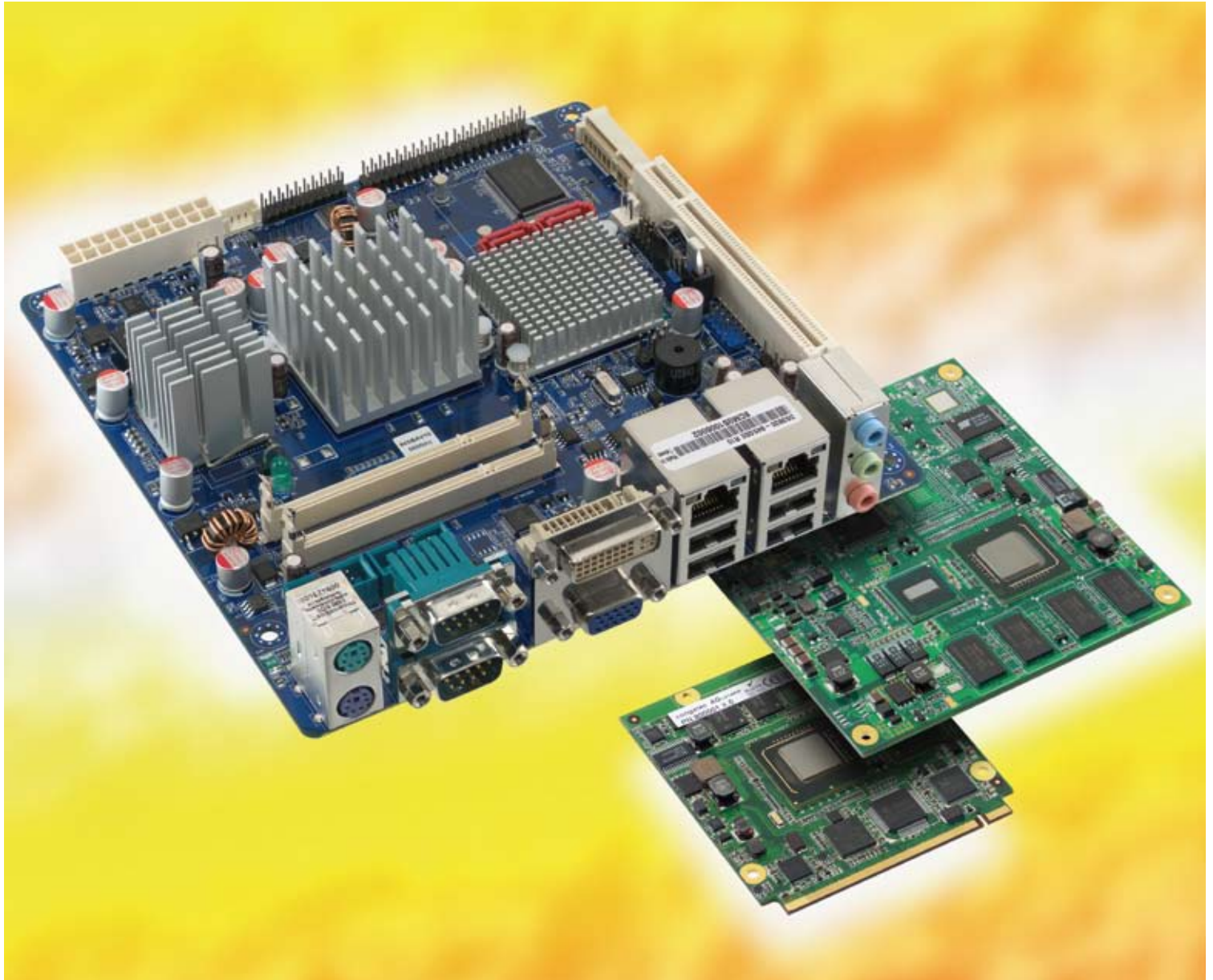


# Low Power Solutions



*Trusted ePlatform Services*

**ADVANTECH**



**Data Modul AG, market leader for display solutions in Europe, now offers COM modules and single board computers with different form factors based on the latest low power Intel® Atom™ Processors.**

## Low Power Solutions with Intel® Atom™

Data Modul AG, market leader for display solutions in Europe, now offers COM modules and single board computers with different form factors based on the latest low power Intel® Atom™ Processors.

ATOM SOLUTIONS	conga-QA	conga-CA945	ECM-945GSE	PCM-9361
<b>Formfactor</b>	Qseven (70 x 70mm)	COM Express Compact	3,5"	3,5"
<b>Processor</b>	Intel® Atom™ Z510 1.1GHz / Z530 1.6GHz	Intel® Atom™ N270 1.6GHz	Intel® Atom™ N270 1.6GHz	Intel® Atom™ N270 1.6GHz
<b>Chipset</b>	Intel® SCH US15W	Intel® 945GSE	Intel® 945GSE	Intel® 945GSE
<b>DRAM</b>	max. 1 GByte DDR2 onboard	max. 2 GByte DDR2 533	max. 2 GByte DDR2 400 / 533	max. 1 GByte DDR2 400 / 533
<b>Mass storage</b>	1 x SATA	1 x EIDE, 2 x SATA	1 x EIDE, 2 x SATA 1 x CompactFlash Socket	2 x SATA, 1 x CompactFlash Socket
<b>Bus</b>	I²C, 1 x PCIe	PCI, LPC, I²C, PCI Express 3 x 1	1 x Mini-PCI Express	PC / 104+
<b>Ethernet</b>	10 / 100 / 1000BaseT	10 / 100 / 1000BaseT	Dual 10 / 100 / 1000BaseT	10 / 1000BaseT
<b>I/O</b>	8 x USB 2.0, 2 x SDIO	8 x USB 2.0, 2 x Express Card support	6 x USB 2.0, 2 x COM, Keyboard / Mouse	5 x USB 2.0, 2 x COM, Keyboard / Mouse
<b>Graphics</b>	integrated			
<b>max. Memory</b>	256 MByte	224 MByte	224 MByte	224 MByte
<b>Panel Interface</b>	LVDS 1 x 24 / SDVO	LVDS 2 x 18	CRT/LVDS 2 x 18 / TV-Out / DVI	CRT / LVDS 2 x 18 / TTL 18 Bit
<b>Audio</b>	HD Audio	HD Audio	HD Audio	HD Audio
<b>Others</b>	ACPI 3.0 compliant	ACPI 2.0 with Battery Support	16 x GPIO	8 x GPIO

ATOM SOLUTIONS	DM-Z5NANO	NX-eMenlow	AIMB-210	IX945GSE
<b>Formfactor</b>	Nano-ITX	Nano-ITX	Mini-ITX	Mini-ITX
<b>Processor</b>	Intel® Atom™ Z510 1.1GHz / Z530 1.6GHz	Intel® Atom™ Z530 1.6GHz	Intel® Atom™ N270 1.6GHz	Intel® Atom™ N270 1.6GHz
<b>Chipset</b>	Intel® SCH US15W	Intel® SCH US15W	Intel® 945GSE	Intel® 945GSE
<b>DRAM</b>	max. 2 GByte DDR2 400 / 533	max. 1 GByte DDR2 400 / 533	max. 2 GByte DDR2 533	max. 2 GByte DDR2 533
<b>Mass storage</b>	1 x EIDE, 1 x SD, 1 x CompactFlash Socket	1 x EIDE, 1 x CompactFlash Socket	1 x EIDE, 2 x SATA 1 x CompactFlash Socket	1 x EIDE, 2 x SATA 1 x CompactFlash Socket
<b>Bus</b>	1 x PCIe x 1	1 x Mini-PCI Express	1 x PCI	1 x PCI, 1 x Mini-PCI Express
<b>Ethernet</b>	10 / 100 / 1000BaseT	10 / 100 / 1000BaseT	Dual 10 / 100 / 1000BaseT	Dual 10 / 100 / 1000BaseT
<b>I/O</b>	4 x USB 2.0, 1 x COM	4 x USB 2.0, 1 x COM, Keyboard / Mouse	8 x USB 2.0, 6 x COM, Keyboard / Mouse, LPT	6 x USB 2.0, 4 x COM, Keyboard / Mouse
<b>Graphics</b>	integrated			
<b>max. Memory</b>	256 MByte	256 MByte	224 MByte	224 MByte
<b>Panel Interface</b>	CRT / LVDS 1 x 24	CRT / LVDS 1 x 24	CRT / LVDS 2 x 18 / TV-Out	CRT / LVDS 2 x 18 / DVI
<b>Audio</b>	HD Audio	HD Audio	HD Audio	HD Audio
<b>Others</b>	8 x GPIO	8 x GPIO	16 x GPIO	8 x GPIO

DATA MODUL offers this highly integrated modules also with a wide range of different TFT Displays (AUO, Sharp, CMO, Casio, Kyocera, Hitachi, Epson, ...) inclusive inverters, tested cables and adapted Power-ON/OFF timing. The use of a time intensive display adjustment therefore becomes redundant.



Our accessories are tested and tuned to work together perfectly.

We guarantee that the accessory is meeting the display requirements. A kit usually contains the control board, the programming, all necessary cables, the OSD and the inverter. It supports plug & play functionality. Other inverters and driving kits with Video and/or DVI functionality are available upon request.