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 APOLLO DISPLAY
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 DISTEC



 DISPLAY
TECHNOLOGY



Datasheet

iBASE

ET875

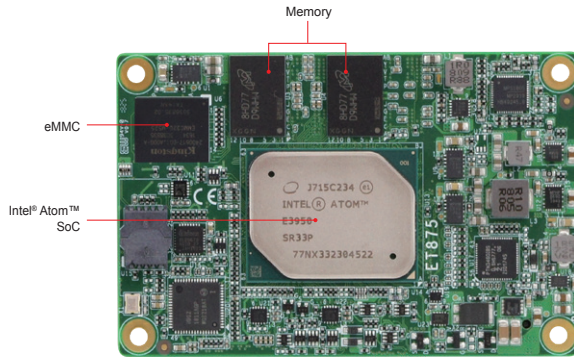
COM Express™ Mini Module with Intel® Apollo Lake

Atom™ E3950 / E3930 (-40°...+85°C) or Pentium® N4200 / Celeron® N3350

Processor



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Features

- Onboard Intel® Atom™ x7-E3950, 2.0GHz or x5-E3930, 1.8GHz [i-Temp support]
- Onboard LPDDR4 memory
- 1x Intel I210IT PCI-E Gigabit LAN
- Supports TPM (2.0), eMMC5.0 (optional)
- Wide-range operating temperature

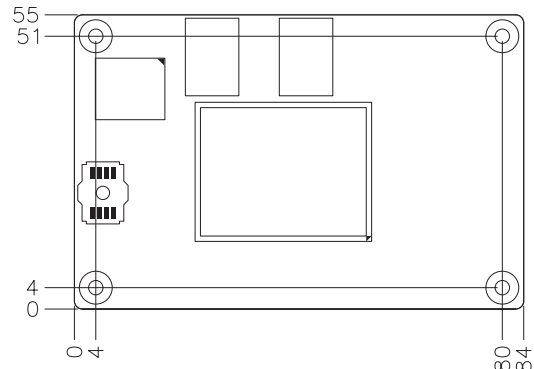
Specifications

CPU Type	Intel® Atom™ QC x5/ E3930 (1.3 GHz~1.8GHz) Intel® Atom™ QC x7 / E3950 (1.6GHz~2.0GHz) Intel® Pentium® QC N4200 (1.10GHz~ 2.50GHz) Intel® Celeron® DC N3350 (1.10GHz~ 2.40GHz)
System Memory	Onboard Memory, LPDDR4, Max 8GB
System Chipset	Integrated in Intel SoC
BIOS	AMI
Watchdog Timer	256 levels
SSD	eMMC 5.0 up to 32GB (optional)
H/W Monitor	Yes
Expansion Slot	4x PCI-E(x1)
VGA Controller	Intel® SoC integrated Gen9-LP graphics
VGA Memory	Shared memory
Display Interface	1x DDI 1x LVDS or 1x eDP (By option)
LAN Controller	Intel® I210IT PCI-E Gigabit LAN
LAN Connector	1x RJ45 on carrier board (IP415)
I/O Chipset	Fintek F81804U-I 2x UART (TX/RX only)
USB	8x USB 2.0 via carrier board 2x USB 3.0 via carrier board
Serial ATA	2x SATA III via carrier board
Audio	Intel® Atom™ SoC built-in HD Audio controller
Others	TPM (2.0), I2C
Dimensions	84mm x 55mm (3.3" x 2.17")
Max. Power Requirement	TBD
Operating Temperature	-40°C ~ 85°C (-40°F~185°F)
Storage Temperature	-40°C ~ 90°C (-40°F ~ 194°F)
Relative Humidity	90% (non-condensing @60°C)

Ordering Information

ET875-X7LV8G	COM Express (Type 10) CPU Module with Intel® Atom™ x7/ E3950 (2.0GHz), LVDS, 8GB memory on board
ET875-X5	COM Express (Type 10) CPU Module with Intel® Atom™ x5/ E3930 (1.8GHz) on board, eDP, 4GB memory on board
ET875-420LVM8G	COM Express (Type 10) CPU Module with Intel® Pentium® N4200 (2.5GHz), LVDS, eMMC 32GB, 8GB memory on board
ET875-335	COM Express (Type 10) CPU Module with Intel® Celeron® N3350 (2.4GHz), eDP, 4GB memory on board

Dimensions and Drawing



Our company network supports you worldwide with offices in Germany, Austria, Switzerland, the UK and the USA. For more information please contact:

Headquarters

Germany



FORTEC Elektronik AG

Augsburger Str. 2b
82110 Germering

Phone: +49 89 894450-0
E-Mail: info@fortecag.de
Internet: www.fortecag.de

Fortec Group Members

Austria



Distec GmbH Office Vienna

Nuschinggasse 12
1230 Wien

Phone: +43 1 8673492-0
E-Mail: info@distec.de
Internet: www.distec.de

Germany



Distec GmbH

Augsburger Str. 2b
82110 Germering

Phone: +49 89 894363-0
E-Mail: info@distec.de
Internet: www.distec.de

Switzerland



ALTRAC AG

Bahnhofstraße 3
5436 Würenlos

Phone: +41 44 7446111
E-Mail: info@altrac.ch
Internet: www.altrac.ch

United Kingdom



Display Technology Ltd.

Osprey House, 1 Osprey Court
Hichingbrooke Business Park
Huntingdon, Cambridgeshire, PE29 6FN

Phone: +44 1480 411600
E-Mail: info@displaytechnology.co.uk
Internet: www.displaytechnology.co.uk

USA



Apollo Display Technologies, Corp.

87 Raynor Avenue,
Unit 1 Ronkonkoma,
NY 11779

Phone: +1 631 5804360
E-Mail: info@apolloDisplays.com
Internet: www.apolloDisplays.com