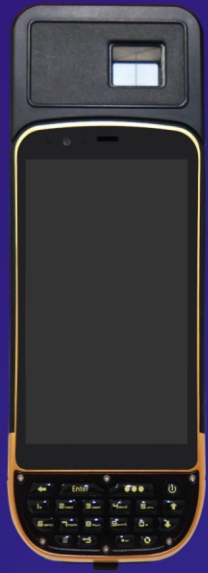


# PRODUCT BROCHURE



Smart tech for better life



- Dimension 224\*77\*31 mm
- Weight 427 gr
- 5" IPS Display (480\*800 px)
- Android 5.0 O.S
- 4G Network, Wi-Fi Bluetooth, GPS
- 2GB RAM 16GB ROM
- 8GB MicroSD (max. 32GB)
- Back: BMP Front: VGA
- Micro USB Port Audio Jack
- 2x SAM slot 1x MicroSD slot
- 1080p HD Camera w/ Face Recognition
- NFC Reader
- QR Scanner
- Thermal Printer
- HDMI Port
- Intel Dual Core Processor
- 8GB RAM
- 128GB SSD
- 19" Touchscreen LED
- Windows 10 (64-bit) O.S
- Laser Printer + Card Printer
- Card Reader (ABAKA 0)
- Fingerprint Scanner
- Anti Backlight Camera (1080p)
- 2x USB 2.0 1x RJ45

CPU	ARM Cortex-A53 (8-core) 1.5GHz
Memory	2GB RAM + 16GB ROM
Storage	8GB MicroSD / TF card (max. 32GB)
Display	5" WVGA IPS (480*800 pixels) capacitive
Camera	Rear: BMP AF+flash, Front: VGA
Dimension	224*77*31 mm
Weight	427 gr
Slot	2x SAM slot, 1x MicroSD / TF slot
Battery	Rechargeable LI-polymer 4500mAh 3.7V
Keypad	Front 17 keys, Side 4 keys
Network	GPRS / EDGE / 3G
Wi-Fi	Wi-Fi 802.11 b/g/n/a 2.4G/5
Bluetooth	v2.1+EDR / v3.0+HS / v4.1
Geotagging	GPS, GLONASS

CPU	RK 3399 Dual Cortex-A72 + Quad Cortex-A53 64bit 1.8GHz, Mali-T864 GPU
Storage	4GB RAM + 64GB
Display	22" Touchscreen LCD (1080p), 10-points capacitive
NFC Reader	Support KTP-el face photo, support ISO 14443 Type A&B
QR Scanner	CMOS reading mode, 1D barcode, 2D QR code
Printer	Thermal printing 203 dpi (8dots/mm), 80*72mm paper, print speed max. 170 mm/s
Speaker	Audio port & speaker
Power Switch	Auto-timing power switch controller (by O.S)
Interfaces	2x Spare USB, TF card, audio output, 1000m LAN, HDMI, 3G/4G GSM card
Cover Shell	Metal sheet, color: silver grey
Base Bracket	Metal (black)

CPU	Intel G1840 Dual Core Processor 2.8GHz
Display	19" LED (1280*1024 pixels) capacitive touchscreen
Speaker	10w 4 Ohm double channel
Cabinet	1660*820*635 mm, metal sheet, 1.5mm thickness (some parts 2-3mm), paint & silk print finishing
Laser Printer	A4 size, max. resolution 600 dpi, black print speed: 30 ppm, printing capacity: 2600 pages
Card Printer	KTP-el printer with encoder & dual input hopper, print speed: 100 cards/h (one side & colour), 300 dpi print resolution, loading card magazine: 200 unit (0.76mm/card), ribbon: 1000 unit cards, film: 100 unit/cards
QR Scanner	Support QR code, DM code, barcode, 360° direction code reading. Support paper QR code, LCD, cell phone QR & barcode. Voice remind of successful scanning.

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# ABAKA<sub>D</sub>

# ABAKA<sub>D+</sub>

# ABAKA<sub>D+</sub>

# ABAKA<sub>H</sub>



- Dimension 143\*143\*28 mm
- Weight 189 gr
- Intel Atom Z8350 1.4ghz
- 2GB RAM 32GB ROM
- Windows 10 O.S support
- Micro USB Port
- Micro HDMI
- 2x SAM slot

- Dimension 199\*104\*144 mm
- Weight 740 gr
- Intel Z3735F / Z8300 Processor
- 2GB DDR3 RAM +16GB Nand Flash
- Windows 10 O.S
- Wi-Fi 802.11 b/g/n
- Bluetooth 4.0
- 7" IPS Display (1280\*800 px)
- Rechargeable 4500mAh Battery
- 2x SAM slot

- Dimension 372\*361\*392 mm
- Bay Trail J1900 2.05Hz Processor
- 4GB RAM Memory
- 120GB HDD Storage
- 13.3" IPS Display (1920\*1080 px)
- Windows 7 or up w/ ID Visitor Register
- Optical Character Recognition
- Document & Barcode Scanner
- Thermal Printer
- 90° 5MP CMOS wide angle with autofocus

- Dimension 224\*77\*81 mm
- 420 gr Weight
- ARM Cortex-A8 10Hz Processor
- 512MB RAM 512MB ROM
- 8GB MicroSD (max. 32GB)
- 4.3" IPS Display (480\*800 px)
- Android 6.0 O.S (Marshmallow)
- VGA Camera
- Rechargeable 5200mAh Battery
- 2x SAM slot

CPU	Intel Atom Z8350 1.4GHz
Memory	2GB RAM
Storage	32GB (internal)
O.S Support	Windows 10
SDK	Available
Dimension	143*143*28 mm
Weight	189 gr
Power	USB (5V=2.5 watt)
Slot	2x SAM slot
Interfaces	1x Micro USB port, 1x Micro HDMI port
Smartcard Reader	Read distance max. 3 cm, standards: ISO/IEC 14443 A/B Frequency: 13.56 MHz
Fingerprint Scanner	Sensor type: Optical, sensor area: 15.2*20.3 mm Resolution: 500 dpi, image output: 32-bit

CPU	Intel Z3735F / Intel Z8300 + Intel HD GPU
Memory	2GB DDR3 RAM + 16GB Nand-Flash
Storage	MicroSD / TF card (max. 64GB)
Display	7" IPS (1280*800 px)
O.S	Windows 10
Dimension	199*104*144 mm
Weight	740 gr
Slot	2x SAM slot, 1x MicroSD / TF slot
Battery	Rechargeable Li-ion 4500mAh 3.7V (12h standby time, up to 6h working time, 25h charging time)
Interfaces	2x USB port, 1x Micro USB port, 1x Power Jack
WLAN	3G Dongle WCDMA / EVDO / TD-SCDMA (optional)
Connectivity	Wi-Fi (802.11 b/g/n), Bluetooth 4.0, Ethernet RMS (1000 Mbps), GPS UBL0X 6010 (optional)

Slot	2x SAM Slot, 1x MicroSD slot, 1x USB slot
Power	AC 100-220V (12V/2A)
Interfaces	1x RJ45, 2x USB 2.0, 2x USB 3.0
Card Reader	Read time <1s, read distance >=50mm
Fingerprint	Module type: capacitive, 15.2*20.3 mm, 500 dpi
Printer	Thermal, printing speed 80ms for 60mm printing length
Scanner	Doc. resolution >300 dpi, capture time <4ms
Barcode	Infrared, supports automatic & rapid barcode reading
OCR	Made: optical. Dimension: 127*96 mm, CMOS 3MP. Support doc.: ID card, driver license, passport, vehicle registration. Including machine-readable code or text, 1D & 2D barcode. Image format: JPG & BMP.
Connectivity	WLAN (optional), Wi-Fi (optional), Bluetooth 4.0, GPS (optional), LAN port (RJ45)

CPU	TI Am3715 ARM Cortex-A8 16Hz
Memory	512MB RAM + 512MB ROM
Storage	8GB MicroSD / TF card (max. 32GB)
Display	4.3" IPS (480*800 px)
Camera	VGA
O.S	Android 6.0 (Marshmallow)
Dimension	224*77*31 mm
Weight	420 gr
Slot	2x SAM slot, 1x MicroSD / TF card slot
Battery	Rechargeable Li-ion 5200mAh 3.7V (210h standby time, up to 8h working time, 3h charging time)
Keypad	Front 17 keys, Side 4 keys
Interfaces	1x Micro USB port, 1x Power Jack, 1x 3.5mm Audio Jack